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Supplement of

Detrital zircon provenance record of the Zagros mountain building from the Neotethys obduction to the Arabia–Eurasia collision, NW Zagros fold–thrust belt, Kurdistan region of Iraq

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Supplemental Table 1: Information for new samples in Koshnaw et al. (Solid Earth)

Sample	Stratigraphic unit	Latitude	Longitude
13KRD-243	Merga Group	36.885716	44.288524
SH17M5	Merga Group	36.817694	44.405639
SH17S2	Suwais Group	36.813331	44.394696
13KRD-244	Merga Group	36.723028	44.567972
14KRD-361	Merga Group	36.719812	44.567161
14KRD-357	Suwais Group	36.712196	44.55422
QZ17S1	Suwais Group	36.160972	45.196833
MT17M3	Merga Group	35.800793	45.479578
12KRD-146	Gercus Formation	36.409131	44.330185
12KRD-143	Kolosh Formation	36.323389	44.449778
12KRD-142	Tanjero Formation	36.440052	44.251905

Supplemental Table 2: Zircon U-Pb data for new samples in Koshnaw et al. (Solid Earth)

								207/235		206/238		207/206		Best age		
Grain #	[U] ppm	U/Th	207/235	2σ error	206/238	2σ error	RHO	Age Ma	2σ error	Age (Ma)	2σ error	Age (Ma)	2σ error	(Ma)	2σ error	% Disc.
13KRD-243_12	501	1.28	0.03530	0.00300	0.00494	0.00009	0.01017	35.2	2.9	31.8	0.5	300	150	31.8	0.5	9.7
13KRD-243_24	390	1.48	0.03670	0.00170	0.00516	0.00011	0.13885	36.6	1.7	33.2	0.7	287	42	33.2	0.7	9.3
13KRD-243_9	520	0.43	0.03430	0.00110	0.00517	0.00008	0.11565	34.2	1.0	33.2	0.5	148	34	33.2	0.5	2.9
13KRD-243_20	306.1	0.98	0.03780	0.00120	0.00544	0.00013	0.13268	37.7	1.2	35.0	0.8	288	61	35.0	0.8	7.2
13KRD-243_18	441	0.80	0.03780	0.00140	0.00563	0.00010	0.25139	37.7	1.4	36.2	0.6	168	41	36.2	0.6	4.0
13KRD-243_74	200	0.62	0.04010	0.00110	0.00564	0.00010	0.01801	39.9	1.0	36.2	0.6	287	39	36.2	0.6	9.2
13KRD-243_93	183.8	0.91	0.04090	0.00400	0.00564	0.00018	0.13977	40.6	3.9	36.3	1.2	440	170	36.3	1.2	10.6
13KRD-243_109	185	0.94	0.03790	0.00140	0.00566	0.00016	0.26945	37.8	1.4	36.4	1.0	254	46	36.4	1.0	3.7
13KRD-243_50	551	1.46	0.04470	0.00380	0.00570	0.00025	0.27569	44.3	3.7	36.6	1.6	500	100	36.6	1.6	17.4
13KRD-243_54	341	0.76	0.03870	0.00160	0.00570	0.00013	0.11000	38.5	1.6	36.7	0.9	230	97	36.7	0.9	4.8
13KRD-243_35	1050	0.36	0.04050	0.00130	0.00587	0.00011	0.16153	40.3	1.3	37.8	0.7	239	69	37.8	0.7	6.3
13KRD-243_89	263	0.86	0.04140	0.00210	0.00591	0.00014	0.10735	41.2	2.0	38.0	0.9	342	86	38.0	0.9	7.8
13KRD-243_39	334	0.62	0.04830	0.00160	0.00597	0.00009	0.18999	47.9	1.5	38.4	0.6	534	50	38.4	0.6	19.9
13KRD-243_81	193.9	0.56	0.04330	0.00140	0.00622	0.00012	0.17937	43.1	1.4	40.0	0.8	254	42	40.0	0.8	7.3
13KRD-243_99	95.7	0.92	0.04260	0.00210	0.00639	0.00016	0.02634	42.4	2.0	41.1	1.0	299	62	41.1	1.0	3.1
13KRD-243_13	366	0.80	0.04350	0.00170	0.00653	0.00013	0.19808	43.2	1.7	42.0	0.9	150	44	42.0	0.9	2.9
13KRD-243_79	286	0.99	0.04400	0.00110	0.00660	0.00010	0.02550	43.7	1.1	42.4	0.7	163	28	42.4	0.7	3.0
13KRD-243_7	306	0.61	0.05280	0.00190	0.00661	0.00014	0.22423	52.2	1.8	42.4	0.9	554	57	42.4	0.9	18.7
13KRD-243_88	343	0.45	0.05310	0.00130	0.00681	0.00011	0.33053	52.5	1.3	43.8	0.7	489	25	43.8	0.7	16.7
13KRD-243_70	1085	1.82	0.04514	0.00080	0.00683	0.00009	0.54371	44.8	0.8	43.9	0.6	141	28	43.9	0.6	2.0
13KRD-243_69	79	0.77	0.05350	0.00460	0.00690	0.00018	0.09152	52.9	4.4	44.3	1.1	480	100	44.3	1.1	16.3
13KRD-243_25	175	0.64	0.04700	0.00150	0.00693	0.00011	0.23306	46.6	1.5	44.5	0.7	242	40	44.5	0.7	4.5
13KRD-243_103	112	0.84	0.05200	0.00290	0.00693	0.00014	0.13461	51.5	2.8	44.5	0.9	455	83	44.5	0.9	13.5
13KRD-243_6	153.5	1.08	0.05070	0.00220	0.00743	0.00018	0.17129	50.2	2.2	47.7	1.1	199	30	47.7	1.1	5.0
13KRD-243_28	180	0.63	0.05870	0.00270	0.00757	0.00020	0.15691	57.9	2.6	48.6	1.3	405	82	48.6	1.3	16.1
13KRD-243_2	184.6	1.07	0.05730	0.00250	0.00769	0.00018	0.26693	56.6	2.4	49.4	1.2	439	56	49.4	1.2	12.7
13KRD-243_98	145.2	0.77	0.06060	0.00160	0.00793	0.00013	0.38454	59.7	1.6	50.9	0.8	433	32	50.9	0.8	14.7
13KRD-243_22	813	1.01	0.05363	0.00092	0.00800	0.00011	0.28275	53.0	0.9	51.4	0.7	138	22	51.4	0.7	3.2
13KRD-243_5	396	0.72	0.05630	0.00120	0.00842	0.00008	0.08457	55.6	1.1	54.1	0.5	180	31	54.1	0.5	2.8
13KRD-243_49	446	0.82	0.05770	0.00110	0.00861	0.00009	0.19427	57.0	1.0	55.3	0.6	164	28	55.3	0.6	3.0
13KRD-243_10	333	1.08	0.05840	0.00160	0.00863	0.00015	0.34619	57.7	1.5	55.4	1.0	194	30	55.4	1.0	4.0
13KRD-243_92	333	1.20	0.05850	0.00110	0.00878	0.00018	0.42155	57.7	1.1	56.4	1.2	141	31	56.4	1.2	2.3
13KRD-243_63	338	0.69	0.05901	0.00092	0.00914	0.00009	0.14174	58.3	0.9	58.7	0.5	115	23	58.7	0.5	0.6
13KRD-243_62	392	0.88	0.06990	0.00200	0.00921	0.00019	0.51044	68.6	1.9	59.1	1.2	388	27	59.1	1.2	13.8
13KRD-243_100	723	0.22	0.07410	0.00240	0.00924	0.00013	0.25772	72.6	2.3	59.3	0.8	539	60	59.3	0.8	18.3
13KRD-243_121	470	0.63	0.07460	0.00340	0.00966	0.00034	0.69466	73.0	3.2	61.9	2.2	482	49	61.9	2.2	15.2
13KRD-243_65	468	0.47	0.06770	0.00160	0.00971	0.00012	0.56286	66.5	1.5	62.3	0.8	222	21	62.3	0.8	6.3
13KRD-243_106	114.2	0.58	0.06510	0.00170	0.00993	0.00014	0.14377	64.0	1.6	63.7	0.9	192	31	63.7	0.9	0.5
13KRD-243_112	321	0.71	0.08000	0.00370	0.01066	0.00028	0.20660	78.1	3.5	68.4	1.8	388	62	68.4	1.8	12.4
13KRD-243_27	127.5	0.81	0.08880	0.00260	0.01150	0.00025	0.04298	86.3	2.4	73.7	1.6	429	45	73.7	1.6	14.6
13KRD-243_94	353	0.76	0.08130	0.00180	0.01217	0.00015	0.36267	79.3	1.7	78.0	0.9	153	29	78.0	0.9	1.7
13KRD-243_101	1740	1.68	0.08522	0.00080	0.01299	0.00012	0.68514	83.0	0.8	83.2	0.7	81	8	83.2	0.7	0.2
13KRD-243_3	255	1.23	0.10710	0.00170	0.01589	0.00016	0.15754	103.2	1.5	101.6	1.0	166	24	101.6	1.0	1.6
13KRD-243_68	289.5	0.57	0.12740	0.00210	0.01723	0.00018	0.47375	121.7	1.9	110.1	1.1	374	23	110.1	1.1	9.5
13KRD-243_8	102.1	1.04	0.12510	0.00320	0.01839	0.00030	0.16845	119.6	2.9	117.5	1.9	278	49	117.5	1.9	1.8
13KRD-243_71	88.3	1.26	0.13820	0.00320	0.02000	0.00023	0.06363	131.3	2.9	127.7	1.5	205	35	127.7	1.5	2.7
13KRD-243_90	90.3	1.02	0.15050	0.00480	0.02071	0.00040	0.61286	142.2	4.2	132.1	2.5	346	33	132.1	2.5	7.1
13KRD-243_41	138.1	0.91	0.14240	0.00270	0.02090	0.00023	0.08605	135.1	2.4	133.4	1.5	177	24	133.4	1.5	1.3
13KRD-243_122	225	0.77	0.16730	0.00220	0.02456	0.00024	0.30783	157.0	1.9	156.4	1.5	171	19	156.4	1.5	0.4
13KRD-243_96	127	0.88	0.25000	0.01000	0.03007	0.00050	0.00801	226.6	8.0	191.0	3.1	603	73	191.0	3.1	15.7
13KRD-243_120	284.6	1.60	0.24920	0.00440	0.03162	0.00048	0.62249	225.9	3.6	200.7	3.0	490	18	200.7	3.0	11.2
13KRD-243_51	667	1.56	0.23100	0.00360	0.03168	0.00039	0.62752	211.0	3.0	201.1	2.4	330	18	201.1	2.4	4.7
13KRD-243_115	308.3	0.89	0.24660	0.00660	0.03337	0.00059	0.47379	223.7	5.4	211.6	3.7	334	37	211.6	3.7	5.4
13KRD-243_33	361	0.96	0.25760	0.00410	0.03647	0.00043	0.44478	232.6	3.3	230.9	2.6	260	22	230.9	2.6	0.7
13KRD-243_34	788.2	4.17	0.28410	0.00340	0.03653	0.00048	0.77825	253.9	2.7	231.3	3.0	472	14	231.3	3.0	8.9
13KRD-243_52	280	0.93	0.25910	0.00570	0.03694	0.00057	0.54126	233.8	4.6	233.8	3.5	240	20	233.8	3.5	0.0
13KRD-243_114	978	2.38	0.29680	0.00370	0.04051	0.00051	0.77082	263.8	2.9	255.9	3.2	330	13	255.9	3.2	3.0
13KRD-243_58	885	2.25	0.31520	0.00420	0.04102	0.00059	0.76315	278.6	3.3	259.1	3.7	421	18	259.1	3.7	7.0
13KRD-243_119	234.5	0.98	0.32040	0.00370	0.04276	0.00034	0.45818	282.1	2.8	269.9	2.1	387	14	269.9	2.1	4.3
13KRD-243_36	133.2	0.98	0.34140	0.00500	0.04715	0.00044	0.26871	298.1	3.8	297.0	2.7	331	24	297.0	2.7	0.4
13KRD-243_56	261.4	0.94	0.35110	0.00340	0.04775	0.00035	0.47867	305.5	2.6	300.7	2.2	326	14	300.7	2.2	1.6
13KRD-243_78	140.8	0.57	0.36150	0.00780	0.04779	0.00055	0.31507	313.3	5.8	300.9	3.4	402	27	300.9	3.4	4.0
13KRD-243_83	138.4	0.73	0.38800	0.00640	0.04935	0.00052	0.14602	332.7	4.7	310.5	3.2	490	31	310.5	3.2	6.7
13KRD-243_107	347	1.28	0.36410	0.00410	0.05005	0.00056	0.76363	315.2	3.1	314.8	3.4	305	10	314.8	3.4	0.1
13KRD-243_113	440.6	3.33	0.36990	0.00490	0.05048	0.00048	0.64178	319.5	3.6	317.5	2.9	339	16	317.5	2.9	0.6
13KRD-243_104	142.6	0.65	0.37600	0.00430	0.05100	0.00039	0.37355	324.0	3.2	320.6	2.4	347	14	320.6	2.4	1.0
13KRD-243_47	120.8	0.62	0.43140	0.00770	0.05519	0.00080	0.43107	364.0	5.4	346.3	4.9	489	28	346.3	4.9	4.9
13KRD-243_57	761	1.95	0.42000	0.00420	0.05548	0.00061	0.76217	356.0	3.0	348.0	3.7	392	7	348.0	3.7	2.2
13KRD-243_85	143.8	1.34	0.45240	0.00600	0.05894	0.00072	0.60544	378.8	4.2	369.1	4.4	441	19	369.1	4.4	2.6
13KRD-243_73	639	1.31	0.48700	0.00550	0.06219	0.00081	0.60384	403.6	4.0	388.9	4.9	476	12	388.9	4.9	3.6
13KRD-243_55	283	1.89	0.53930	0.00720	0.06864	0.00086	0.69226	437.8	4.8	427.9	5.2	495	14	427.9	5.2	2.3
13KRD-243_66	290	0.95	0.51720	0.00480	0.06872	0.00059	0.72667	423.2	3.2	428.4	3.5	401	8	428.4	3.5	1.2
13KRD-243_84	233	0.51	0.54160	0.00830	0.06873	0.00073	0.80197	439.2	5.5	428.5	4.4	482	12	428.5	4.4	2.4
13KRD-243_97	351	1.47	0.54150	0.00380	0.07131	0.00038	0.29388	439.9	2.5	444.4	2.3	413	9	444.4	2.3	1.0
13KRD-243_75	368	1.50	0.67000	0.02100	0.08050	0.00280	0.65742	520.0	13.0	499.0	17.0	631	45	499.0	17.0	4.0
13KRD-243_76	533	3.30	0.65600	0.01100	0.08190	0.00290	0.65282	512.4	6.7	507.0	18.0	550	25	507.0	18.0	1.1
13KRD-243_111	175.8	1.45	0.66570	0.00750	0.08314	0.00086	0.72764	517.9	4.6	514.8	5.1	522	11	514.8	5.1	0.6
13KRD-243_4	189.8	2.56	0.69030	0.00720	0.08428	0.00099	0.77264	532.9	4.3	521.6	5.9	601	14	521.6	5.9	2.1
13KRD-243_37	295.7	0.62	0.72790	0.00570	0.08813	0.00067	0.63911	555.3	3.3	544.5	4.0	593	7	544.5	4.0	1.9
13KRD-243_40	188	0.94	0.72510	0.00640	0.08849	0.00066	0.45294	553.5	3.7	546.6	3.9	573	11	546.6	3.9	1.2
13KRD-243_110	662	1.34	0.76210	0.00910	0.08889	0.00093	0.92205	575.0	5.2	548.9	5.5	668	7	548.9	5.5	4.5
13KRD-243_15	87.8	1.80	0.75290	0.00960	0.08946	0.00084	0.36695	569.6	5.6	552.3	5.0	652	14	552.3	5.0	3.0
13KRD-243_21	295.1	1.08	0.78480	0.00520	0.09388	0.00064	0.54431	588.1	2.9	578.9	3.8	632	8	578.9	3.8	1.6
13KRD-243_105	233	0.97	0.78900	0.01300	0.09500	0.00180	0.71892	590.5	7.4	585.0	11.0	634	18	585.0	11.0	0.9
13KRD-243_95	68.5	0.68	0.80600	0.01000	0.09758	0.00092	0.54965	599.8	5.8	600.1	5.4	607	11	600.1	5.4	0.1
13KRD-243_1	362	0.65	0.84960	0.00620	0.10013	0.00068	0.57097	624.8	3.5	615.2	4.0	656	9	615.2	4.0	1.5
13KRD-243_31	77.9	0.93	0.94300	0.02100	0.10530	0.00150	0.27835	674.0	11.0	645.6	8.7	734	29	645.6	8.7	4.2
13KRD-243_91	315.8	2.10	0.90170	0.00760	0.10760	0.00094	0.33893	652.5	4.1	658.8	5.5	654	11	658.8	5.5	1.0
13KRD-243_77	81	0.60	1.01200	0.01200	0.11060	0.00140	0.68382	709.6	6.2	676.2	8.0	830	13	676.2	8.0	4.7
13KRD-243_87	138.7	1.53	1.01800	0.01100	0.11697	0.00096	0.27723	713.3	5.1	713.0	5.6	713	11	713.0	5.6	0.0
13KRD-243_48	173.4	1.45	1.05900	0.01000	0.11733	0.00093	0.58646	733.4	5.0	715.1	5.4	783	13	715.1	5.4	2.5
13KRD-243_17	355	0.99	1.07200	0.01200	0.12020	0.00130	0.82524	739.3	5.8	731.5	7.6	765	8	731.5	7.6	1.1
13KRD-243_102	227	0.63	1.16900	0.01400	0.12960	0.00120	0.65629	785.8	6.5	785.5	6.9	794	13	785.5	6.9	0.0
13KRD-243_80	223	0.83	1.34100	0.02600	0.13300	0.00300	0.75300	863.0	11.0	805.0	17.0	1015	22	805.0	17.0	6.7
13KRD-243_59	101.3	0.70	1.34800	0.01400	0.14390	0.00150	0.62899	866.5	6.1	867.5	8.4	860	10	859.8	9.9	0.9
13KRD-243_82	171	2.00	1.42900	0.04300	0.14760	0.00350	0.87742	901.0	18.0	888.0	20.0	902	15	902.0	15.0	1.6
13KRD-243_32	371	0.84	1.57100	0.01500	0.15550	0.00160	0.79024	958.5	6.0	931.7	8.8	1021	7	1020.9	6.9	8.7
13KRD-243_14	122.8	0.93	1.57900	0.01100	0.15640	0.00110	0.43144	961.8	4.4	936.5	6.1	1030	9	1030.4	9.4	9.1
13KRD-243_53	146	1.32	1.95000	0.21000	0.16050	0.00250	0.04415	1079.0	66.0	959.0	14.0	1340	180	1340.0	180.0	28.4
13KRD-243_76	169	1.25	2.98700	0.03400	0.22880	0.00360	0.81530	1404.0	8.7	1328.0	19.0	1522	7	1522.4	6.9	12.8
13KRD-243_43	699	5.91	2.37800	0.03400	0.17210	0.00220	0.87953	1235.0	10.0	1023.0	12.0	1623	12	1623.0	12.0	37.0
13KRD-243_29	1144	10.31	4.70600	0.04300	0.30010	0.00290	0.61028	1767.9	7.7	1691.0	15.0	1860	10	1860.0	10.0	9.1
13KRD-243_118	194	3.00	5.37800	0.04300	0.33910	0.00300	0.87372	1881.0	6.8	1884.0	15.0	1876	6	1875.6	5.6	0.4
13KRD-243_72	207	0.66	6.41100	0.06400	0.35870	0.00340	0.75761	2034.4	8.5	1976.0	16.0	2085	9	2085.3	8.9	5.2
13KRD-243_16	380	2.41	6.26000	0.13000	0.34440	0.00640	0.97004	2010.0	18.0	1906.0	31.0	2127	5	2127.0	5.4	10.4
13KRD-243_67	522	3.12	7.94000	0.06500	0.40540	0.00340	0.81101	2224.0	7.4	2197.0	16.0	2248	6	2247.8	5.8	2.3
13KRD-243_23	110.1	1.89	6.79000	0.29000	0.31800	0.01100	0.97300	2092.0	34.0	1777.0	54.0	2403	13	2403.0	13.0	26.1
13KRD-243_42	79.5	1.09	13.57100	0.09400	0.51920	0.00370	0.78060	2720.0	6.6	2696.0	16.0	2737	4	2737.2	4.1	1.5
13KRD-243_45	332	1.51	12.77000	0.33000	0.45400	0.01100	0.97410	2666.0	24.0	2410.0	48.0	2859	8	2859.2	7.6	15.7

								207/235		206/238		207/206		Best age		
Grain #	[U] ppm	U/Th	207/235	2σ error	206/238	2σ error	RHO	Age Ma	2σ error	Age (Ma)	2σ error	Age (Ma)	2σ error	(Ma)	2σ error	% Disc.
SH17MS_57	733	0.629	0.037	0.0017	0.005185	0.000084	0.11791	36.9	1.6	33.33	0.54	256	92	33.3	0.5	9.7
SH17MS_100	569	1.198	0.0367	0.0023	0.005223	0.000099	0.10753	36.6	2.3	33.58	0.63	200	120	33.6	0.6	8.3
SH17MS_10	398.1	0.878	0.0332	0.0017	0.005493	0.000091	0.10484	33.1	1.7	35.32	0.58	-53	91	35.3	0.6	6.7
SH17MS_35	324.8	0.858	0.0375	0.0022	0.00564	0.00012	0.02517	37.3	2.2	36.22	0.79	130	120	36.2	0.8	2.9
SH17MS_13	235.1	0.967	0.0459	0.0039	0.00565	0.00013	0.016333	45.3	3.8	36.34	0.86	400	160	36.3	0.9	19.8
SH17MS_53	210.5	0.9759	0.0404	0.0031	0.00571	0.00017	0.12319	40	3	36.7	1.1	190	140	36.7	1.1	8.2
SH17MS_85	262	1.5	0.0364	0.0027	0.00599	0.00017	0.239	36.2	2.7	38.5	1.1	-40	140	38.5	1.1	6.4
SH17MS_113	455	0.925	0.038	0.0021	0.00609	0.00012	0.1004	37.8	2	39.11	0.75	20	100	39.1	0.8	3.5
SH17MS_107	212.8	1.736	0.0399	0.0035	0.00619	0.00018	0.11202	39.5	3.3	39.7	1.1	50	150	39.7	1.1	0.5
SH17MS_32	122.6	1.433	0.0435	0.0041	0.00636	0.00019	0.088816	43.5	4.1	40.9	1.2	140	170	40.9	1.2	6.0
SH17MS_50	875	0.595	0.0452	0.002	0.006411	0.000091	0.10229	44.8	1.9	41.19	0.59	206	85	41.2	0.6	8.1
SH17MS_8	464.8	0.4003	0.0432	0.003	0.00642	0.00013	0.058284	42.9	2.9	41.26	0.86	130	140	41.3	0.9	3.8
SH17MS_51	107.8	0.896	0.0496	0.0063	0.00656	0.0003	0.10883	48.8	6	42.1	1.9	320	250	42.1	1.9	13.7
SH17MS_4	167.4	0.657	0.0476	0.0036	0.00668	0.00018	0.1301	47	3.5	42.9	1.1	230	140	42.9	1.1	8.7
SH17MS_86	456	0.642	0.0503	0.0034	0.00699	0.0002	0.059063	49.8	3.2	44.9	1.3	240	130	44.9	1.3	9.8
SH17MS_59	239.9	1.429	0.0539	0.0043	0.00735	0.00016	0.43004	53	4.1	47.2	1	290	140	47.2	1.0	10.9
SH17MS_19	492	1.034	0.0529	0.0027	0.00768	0.00012	0.065132	52.2	2.6	49.33	0.78	170	100	49.3	0.8	5.5
SH17MS_33	132	1.005	0.0608	0.0073	0.00813	0.00032	0.067938	59.5	7	52.2	2.1	300	240	52.2	2.1	12.3
SH17MS_11	1068	0.441	0.0561	0.0018	0.008185	0.000099	0.21555	55.4	1.7	52.55	0.63	186	65	52.6	0.6	5.1
SH17MS_15	231.1	0.94	0.0582	0.0033	0.0082	0.00015	0.10686	57.3	3.2	52.65	0.97	240	120	52.7	1.0	8.1
SH17MS_61	401.5	0.942	0.0587	0.0035	0.00821	0.00018	0.12709	57.8	3.4	52.7	1.2	260	120	52.7	1.2	8.8
SH17MS_64	433	1.091	0.0547	0.0025	0.00839	0.00013	0.0062314	53.9	2.4	53.86	0.86	100	92	53.9	0.9	0.1
SH17MS_115	270.8	1.388	0.0552	0.0035	0.00844	0.00019	0.091616	55.3	3.6	54.2	1.2	100	120	54.2	1.2	2.0
SH17MS_62	983	0.559	0.0584	0.0018	0.008539	0.000097	0.043135	57.6	1.7	54.81	0.62	182	65	54.8	0.6	4.8
SH17MS_72	321	1.486	0.0589	0.003	0.00871	0.00017	0.0097278	58.3	3	55.9	1.1	150	100	55.9	1.1	4.1
SH17MS_87	394	1.68	0.0632	0.0045	0.00871	0.00019	0.097373	63.7	4.8	55.9	1.2	290	140	55.9	1.2	12.2
SH17MS_63	341.8	0.983	0.0603	0.0037	0.00873	0.00015	0.22184	59.2	3.5	56.01	0.99	170	110	56.0	1.0	5.4
SH17MS_94	450	1.38	0.0555	0.0029	0.00881	0.00014	0.034479	54.7	2.8	56.52	0.91	10	96	56.5	0.9	3.3
SH17MS_41	450	0.622	0.0561	0.0028	0.00881	0.00016	0.036556	55.3	2.7	56.6	1	42	95	56.6	1.0	2.4
SH17MS_81	795	1.208	0.0584	0.0043	0.00893	0.00025	0.09378	58.6	4.6	57.3	1.6	110	160	57.3	1.6	2.2
SH17MS_105	444	1.478	0.0588	0.0028	0.00894	0.00015	0.12743	57.8	2.7	57.37	0.94	89	89	57.4	0.9	0.7
SH17MS_73	505	0.99	0.0564	0.0026	0.00895	0.00013	0.072677	55.6	2.5	57.42	0.82	14	83	57.4	0.8	3.3
SH17MS_47	398	0.844	0.0641	0.003	0.00897	0.00016	0.14231	63.4	3	57.5	1	280	100	57.5	1.0	9.3
SH17MS_69	346	1.355	0.0577	0.003	0.00911	0.00016	0.14035	56.8	2.9	58.5	1	26	95	58.5	1.0	3.0
SH17MS_92	324	1.279	0.0611	0.0036	0.00912	0.00016	0.026992	60	3.4	58.5	1.1	110	110	58.5	1.1	2.5
SH17MS_89	809	0.563	0.0646	0.0029	0.00913	0.00018	0.16299	63.5	2.7	58.6	1.1	233	93	58.6	1.1	7.7
SH17MS_79	415	1.056	0.0627	0.0042	0.00915	0.00018	0.1737	61.6	4	58.7	1.2	160	140	58.7	1.2	4.7
SH17MS_56	208.5	0.936	0.0647	0.0049	0.00932	0.00022	0.053647	63.5	4.6	59.8	1.4	220	150	59.8	1.4	5.8
SH17MS_58	541	0.994	0.0633	0.0032	0.00941	0.00013	0.2873	62.1	3	60.38	0.81	166	95	60.4	0.8	2.8
SH17MS_88	292	1.196	0.0628	0.0034	0.0095	0.00019	0.048166	61.6	3.2	60.9	1.2	90	110	60.9	1.2	1.1
SH17MS_52	161	0.6663	0.0707	0.0053	0.01035	0.00027	0.039696	68.9	5	66.4	1.7	170	140	66.4	1.7	3.6
SH17MS_28	137.5	0.639	0.0756	0.0082	0.01239	0.00037	0.13478	73.5	7.7	79.4	2.4	-20	190	79.4	2.4	8.0
SH17MS_75	89.4	2.72	0.118	0.018	0.01696	0.00088	0.033176	112	16	108.4	5.6	180	290	108.4	5.6	3.2
SH17MS_48	416	1.177	0.1298	0.0044	0.01809	0.00021	0.15034	123.6	3.9	115.6	1.3	257	69	115.6	1.3	6.5
SH17MS_74	197.3	1.225	0.135	0.0094	0.01986	0.00051	0.01464	128.1	8.4	126.8	3.2	160	140	126.8	3.2	1.0
SH17MS_77	484	1.284	0.1444	0.0077	0.02117	0.00044	0.0093528	136.7	6.8	135.1	2.8	170	110	135.1	2.8	1.2
SH17MS_1	377	1.537	0.1797	0.0095	0.02228	0.00092	0.74401	167.1	8.1	142	5.8	533	76	142.0	5.8	15.0
SH17MS_42	198.5	2.484	0.198	0.01	0.02578	0.00045	0.069176	182.7	8.7	164	2.8	400	110	164.0	2.8	10.2
SH17MS_49	954	2.061	0.1873	0.0034	0.0272	0.00027	0.12182	174.2	2.9	173	1.7	185	43	173.0	1.7	0.7
SH17MS_18	356	1.732	0.1848	0.0052	0.0278	0.00029	0.14088	171.8	4.5	176.7	1.8	119	57	176.7	1.8	2.9
SH17MS_9	50.8	1.101	0.205	0.014	0.02837	0.00071	0.02149	187	12	180.3	4.4	240	130	180.3	4.4	3.6
SH17MS_54	425.6	1.117	0.2315	0.0055	0.0335	0.00033	0.03889	211.1	4.5	212.4	2.1	194	53	212.4	2.1	0.6
SH17MS_90	510	2.432	0.2413	0.0049	0.03356	0.00031	0.2042	219.2	4	212.8	1.9	272	45	212.8	1.9	2.9
SH17MS_26	255	1.886	0.2427	0.0067	0.03451	0.0004	0.089243	220.1	5.4	219	2.5	239	60	219.0	2.5	0.5
SH17MS_101	429	2.05	0.2512	0.007	0.0366	0.00039	0.0010889	227.1	5.7	231.7	2.4	181	62	231.7	2.4	2.0
SH17MS_20	1268	143	0.2685	0.0071	0.03756	0.00081	0.19333	241.3	5.7	237.7	5	282	66	237.7	5.0	1.5
SH17MS_102	83	2.023	0.341	0.022	0.0388	0.0011	0.082218	295	17	245.5	6.7	650	140	245.5	6.7	16.8
SH17MS_108	237	1.784	0.279	0.011	0.03888	0.00061	0.24941	248.8	8.9	245.9	3.8	282	84	245.9	3.8	1.2
SH17MS_84	1560	123	0.415	0.048	0.0476	0.0052	0.88715	349	35	299	32	660	110	299.0	32.0	14.3
SH17MS_67	159.2	1.347	0.401	0.015	0.04794	0.00062	0.22851	341	11	301.8	3.8	588	80	301.8	3.8	11.5
SH17MS_80	902	119	0.358	0.016	0.049	0.002	0.83752	310	12	308	12	315	61	308.0	12.0	0.6
SH17MS_117	229.1	1.575	0.366	0.013	0.04953	0.0008	0.14432	316	9.5	311.6	4.9	340	78	311.6	4.9	1.4
SH17MS_40	233	2.85	0.393	0.012	0.0512	0.00078	0.057868	335.5	8.8	321.9	4.8	417	73	321.9	4.8	4.1
SH17MS_97	740	1.913	0.3881	0.0064	0.05278	0.0004	0.21454	332.6	4.7	331.6	2.5	333	38	331.6	2.5	0.3
SH17MS_39	1053	0.651	0.4132	0.0079	0.05432	0.00054	0.20429	350.9	5.7	341	3.3	403	41	341.0	3.3	2.8
SH17MS_103	114.9	0.785	0.424	0.021	0.0548	0.0012	0.071072	361	16	343.8	7.5	440	120	343.8	7.5	4.8
SH17MS_116	130.1	1.961	0.412	0.022	0.0552	0.0012	0.074826	349	16	346.5	7.5	370	120	346.5	7.5	0.7
SH17MS_112	1037	52.3	0.4393	0.0098	0.05786	0.00077	0.33069	369.4	6.9	362.6	4.7	409	49	362.6	4.7	1.8
SH17MS_5	56.2	1.125	0.489	0.042	0.0632	0.002	0.28024	401	29	395	12	400	170	395.0	12.0	1.5
SH17MS_60	152.5	2.27	0.543	0.032	0.07	0.0021	0.035267	439	21	436	13	440	150	436.0	13.0	0.7
SH17MS_68	566	14.2	0.568	0.027	0.0723	0.0022	0.81247	455	17	450	13	477	67	450.0	13.0	1.1
SH17MS_109	92.1	1.548	0.591	0.022	0.0745	0.0012	0.15579	470	15	462.9	7.3	491	83	462.9	7.3	1.5
SH17MS_22	294	1.1	0.583	0.014	0.0757	0.0011	0.6245	465.9	9.1	470.5	6.8	432	42	470.5	6.8	1.0
SH17MS_21	90.9	1.468	0.6	0.02	0.0774	0.0014	0.24434	476	13	480.5	8.3	429	78	480.5	8.3	0.9
SH17MS_6	145.5	0.735	0.618	0.026	0.0791	0.0013	0.54025	487	17	490.4	7.6	472	80	490.4	7.6	0.7
SH17MS_46	671	1.358	0.6885	0.0089	0.08474	0.00064	0.34513	531.4	5.3	524.3	3.8	546	28	524.3	3.8	1.3
SH17MS_43	159.2	0.637	0.781	0.021	0.0924	0.0019	0.28199	585	12	570	11	638	66	570.0	11.0	2.6
SH17MS_12	172.8	0.914	0.78	0.016	0.0936	0.0011	0.31304	583.8	9.1	576.7	6.6	614	45	576.7	6.6	1.2
SH17MS_99	180.9	1.118	0.99	0.11	0.0943	0.0022	0.51044	689	54	581	13	1020	200	581.0	13.0	15.7
SH17MS_16	777	3.341	0.827	0.011	0.09571	0.00089	0.4465	612.7	6.2	589.1	5.2	707	26	589.1	5.2	3.9
SH17MS_118	98.4	1.148	0.83	0.034	0.0974	0.0016	0.33585	613	20	599	9.1	638	85	599.0	9.1	2.3
SH17MS_76	288.7	1.594	0.848	0.014	0.10178	0.0008	0.27143	622.6	7.6	624.8	4.7	601	36	624.8	4.7	0.4
SH17MS_31	279.6	1.32	0.878	0.016	0.1035	0.0011	0.30619	639	8.6	634.5	6.4	649	40	634.5	6.4	0.7
SH17MS_65	184.4	0.751	0.872	0.019	0.1039	0.0012	0.36214	635	10	637	6.7	622	43	637.0	6.7	0.3
SH17MS_29	41.7	1.047	0.889	0.034	0.1053	0.002	0.31698	644	18	645	11	612	85	645.0	11.0	0.2
SH17MS_110	89.5	0.721	0.915	0.034	0.1063	0.002	0.1702	657	18	651	12	639	89	651.0	12.0	0.9
SH17MS_91	273	3.72	1.261	0.034	0.1128	0.0014	0.30701	826	15	688.8	7.9	1200	52	688.8	7.9	16.6
SH17MS_30	124.8	1.99	0.978	0.057	0.1136	0.0028	0.51633	689	30	694	16	660	110	694.0	16.0	0.7
SH17MS_82	364.3	1.431	1.005	0.015	0.11381	0.00099	0.20527	705.4	7.7	694.8	5.7	724	34	694.8	5.7	1.5
SH17MS_104	208.7	2.69	1.076	0.031	0.1209	0.0022	0.21256	740	16	735	13	747	67	735.0	13.0	0.7
SH17MS_78	157.4	0.705	1.158	0.03	0.127	0.0023	0.25336	780	14	771	13	796	58	771.0	13.0	1.2
SH17MS_70	172	0.828	1.162	0.021	0.1297	0.0012	0.12704	781.2	9.9	785.8	6.8	769	38	785.8	6.8	0.6
SH17MS_66	139.9	1.975	1.208	0.034	0.1306	0.0018	0.27388	802	16	791	10	823	60	791.0	10.0	1.4
SH17MS_23	134.3	1.172	1.204	0.023	0.1312	0.0012	0.30742	802	11	794.4	6.9	815	39	794.4	6.9	0.9
SH17MS_114	214.9	2.272	1.237	0.022	0.1342	0.0014	0.38705	816	10	811.7	7.8	821	35	811.7	7.8	0.5
SH17MS_2	133.9	1.703	1.386	0.03	0.1415	0.0014	0.20794	883	12	852.9	7.8	947	46	852.9	7.8	3.4
SH17MS_25	215	1.846	1.32	0.045	0.1423	0.0044	0.78635	850	21	856	25	853	42	856.0	25.0	0.7
SH17MS_37	140	0.4503	1.423	0.045	0.1488	0.0034	0.87343	897	19	893	19	952	42	893.0	19.0	0.4
SH17MS_98	127.9	1.336	1.716	0.038	0.1709	0.0019	0.11812	1012	14	1017	11	996	48	996.0	48.0	2.1
SH17MS_17	404	2.093	2.01	0.032	0.189	0.0021	0.76422	1117	11	1116	11	1124	20	1124.0	20.0	0.7
SH17MS_36	520	1.454	3.021	0.026	0.244	0.0018	0.37289	1412	6.5	1407	9.1	1416	15	1416.0	15.0	0.6
SH17MS_27	267.3	3.79	2.237	0.086	0.1826	0.0064	0.87465	1195	29	1080	35	1417	39	1417.0	39.0	23.8
SH17MS_34	42.65	0.873	4.44	0.15	0.3065	0.0071	0.65707	1719	26	1722	35	1714	52	1714.0	52.0	0.5
SH17MS_93	1340	20.2	5.004	0.075	0.3233	0.0047	0.56546	1819	13	1806	23	1836	24	1836.0	24.0	1.6
SH17MS_45	717	4.529	5.243	0.052	0.3366	0.0033	0.53931	1859.1	8.4	1870	16	1837	17	1837.0	17.0	1.8
SH17MS_120	191	1.109	6.22	0.2	0.364	0.013	0.55594	2006	29	2001	60	2013	59	2013.0	59.0	0.6
SH17MS_14	389	2.1	6.31	0.45	0.3458	0.0045	0.96518	1967	41	1913	21	2017	60	2017.0	60.0	5.2
SH17MS_111	135.8	0.696	7.22	0.1	0.4027	0.0049	0.42247	2137	13	2181	22	2101	23	2101.0	23.0	3.8
SH17MS_44	529	6.99	8.336	0.074	0.4132	0.0033	0.47829	2267.7	8.1	2229	15	2288	16	2288.0	16.0	2.6
SH17MS_119	958	51	5.95	0.19	0.2903	0.0078	0.95772	1963	28	1641	39	2322	18	2322.0	18.0	29.3
SH17MS_3	456	0.954	7.5	0.12	0.3484	0.0047	0.78649	2172	15	1926	23	2408	17	2408.0	17.0	20.0
SH17MS_83	122	1.96	11.25	0.15	0.4912	0.0063	0.73668	2544	13	2581	26	2507	17	2507.0	17.0	3.0
SH17MS_96	384	3.73	11	0.11	0.4618	0.0038	0.71793	2521.3	9.5	2447	17	2582	12	2582.0	12.0	5.2
SH17MS_71	89.6	1.918	12.2	0.23	0.4984	0.0065	0.21134	2618	18	2606	28	2626	35	2626.0	35.0	0.8

								207/235		206/238		207/206		Best age		
Grain #	[U] ppm	U/Th	207/235	2σ error	206/238	2σ error	RHO	Age Ma	2σ error	Age (Ma)	2σ error	Age (Ma)	2σ error	(Ma)	2σ error	% Disc.
SH17S2_101	125.9	0.864	0.0387	0.0043	0.00569	0.0002	0.012736	38.3	4.2	36.6	1.3	130	200	36.6	1.3	4.4
SH17S2_40	1244	0.69	0.0396	0.0013	0.00597	0.000067	0.027543	39.4	1.2	38.37	0.43	125	68	38.4	0.4	2.6
SH17S2_25	448	0.851	0.0435	0.002	0.00608	0.0001	0.020064	43.2	2	39.08	0.65	239	97	39.1	0.7	9.5
SH17S2_45	275	1.0118	0.0357	0.0023	0.00609	0.00013	0.071263	35.5	2.2	39.11	0.82	-130	100	39.1	0.8	10.2
SH17S2_61	132	0.74	0.045	0.0056	0.00621	0.00025	0.12994	44.4	5.4	39.9	1.6	220	230	39.9	1.6	10.1
SH17S2_37	551	1.049	0.0422	0.0028	0.00624	0.00016	0.10841	41.8	2.7	40.1	1	140	130	40.1	1.0	4.1
SH17S2_103	370	0.81	0.0424	0.0022	0.00625	0.00011	0.0637	42.1	2.1	40.15	0.72	142	98	40.2	0.7	4.6
SH17S2_2	312.8	0.624	0.0407	0.0039	0.00635	0.00017	0.15062	40.4	3.7	40.8	1.1	20	160	40.8	1.1	1.0
SH17S2_119	392	0.648	0.045	0.0029	0.00649	0.00011	0.21116	44.5	2.8	41.72	0.71	160	120	41.7	0.7	6.2
SH17S2_81	805	1.7	0.0428	0.0025	0.00651	0.00016	0.17447	42.5	2.4	41.8	1	120	120	41.8	1.0	1.6
SH17S2_106	246.2	0.7093	0.0522	0.0033	0.00735	0.00016	0.019669	51.9	3.2	47.2	1	230	120	47.2	1.0	9.1
SH17S2_33	188	0.714	0.0474	0.0034	0.00755	0.00018	0.14928	46.8	3.3	48.5	1.2	30	130	48.5	1.2	3.6
SH17S2_110	115.2	0.899	0.0618	0.0052	0.008	0.00022	0.075516	60.5	5	51.4	1.4	350	160	51.4	1.4	15.0
SH17S2_50	284	0.675	0.054	0.0034	0.00804	0.00015	0.011612	53.2	3.3	51.61	0.93	130	120	51.6	0.9	3.0
SH17S2_20	412	0.983	0.0575	0.0026	0.00848	0.00014	0.025935	56.7	2.5	54.45	0.9	151	92	54.5	0.9	4.0
SH17S2_113	695	0.67	0.0571	0.0023	0.00853	0.00011	0.21426	56.3	2.2	54.76	0.71	125	77	54.8	0.7	2.7
SH17S2_67	404.5	1.06	0.0598	0.0057	0.00859	0.00023	0.22379	58.7	5.4	55.1	1.5	170	170	55.1	1.5	6.1
SH17S2_105	469	0.624	0.0559	0.0029	0.00867	0.00014	0.093998	55.1	2.8	55.67	0.89	70	110	55.7	0.9	1.0
SH17S2_10	327	1.071	0.0588	0.0029	0.00875	0.00017	0.062331	57.9	2.8	56.1	1.1	143	97	56.1	1.1	3.1
SH17S2_34	348	1	0.057	0.0024	0.00883	0.00013	0.03797	56.2	2.3	56.7	0.86	46	79	56.7	0.9	0.9
SH17S2_64	352	0.959	0.062	0.003	0.00891	0.00015	0.028011	61	2.9	57.15	0.94	214	97	57.2	0.9	6.3
SH17S2_77	1184	0.4087	0.0597	0.0015	0.00919	0.0001	0.30491	58.8	1.5	58.95	0.65	64	48	59.0	0.7	0.3
SH17S2_14	337	1.256	0.06	0.0029	0.00922	0.00016	0.10415	59	2.7	59.1	1	78	91	59.1	1.0	0.2
SH17S2_95	146.4	0.5348	0.0603	0.0042	0.00952	0.00019	0.038721	59.6	4.1	61.1	1.2	30	120	61.1	1.2	2.5
SH17S2_46	205.2	0.6151	0.0672	0.004	0.0096	0.00021	0.059356	65.7	3.8	61.6	1.3	190	120	61.6	1.3	6.2
SH17S2_92	172.1	0.702	0.0686	0.0064	0.00988	0.00035	0.17615	67.2	6.1	63.4	2.2	230	180	63.4	2.2	5.7
SH17S2_18	21.6	1.53	0.089	0.021	0.0132	0.001	0.15133	83	19	84.3	6.6	10	380	84.3	6.6	1.6
SH17S2_28	106.4	1.819	0.0895	0.0071	0.01351	0.00034	0.11234	87.9	6.9	86.5	2.1	100	140	86.5	2.1	1.6
SH17S2_3	72	0.978	0.098	0.012	0.01352	0.00061	0.26991	94	11	86.6	3.9	260	240	86.6	3.9	7.9
SH17S2_52	37.48	1.254	0.095	0.013	0.01373	0.00065	0.10404	91	12	87.9	4.1	150	240	87.9	4.1	3.4
SH17S2_49	268	2.051	0.0926	0.0071	0.01381	0.00058	0.088673	89.8	6.6	88.4	3.7	150	180	88.4	3.7	1.6
SH17S2_102	15.7	1.93	0.086	0.023	0.014	0.0011	0.018409	94	25	89.3	7	-30	410	89.3	7.0	5.0
SH17S2_120	45.4	1.112	0.1022	0.0098	0.01409	0.00049	0.028074	97.3	8.9	90.2	3.1	240	180	90.2	3.1	7.3
SH17S2_26	208	5.13	0.0965	0.005	0.01418	0.00027	0.036966	93.1	4.6	90.8	1.7	150	100	90.8	1.7	2.5
SH17S2_94	2195	0.4112	0.0947	0.0025	0.0142	0.00016	0.28901	91.8	2.3	90.9	1	125	53	90.9	1.0	1.0
SH17S2_6	15.79	1.52	0.115	0.029	0.0143	0.0011	0.0098677	105	25	91.4	7.2	210	430	91.4	7.2	13.0
SH17S2_41	112.2	0.524	0.0952	0.0075	0.01428	0.00038	0.055867	91.8	6.9	91.4	2.4	100	150	91.4	2.4	0.4
SH17S2_35	50	1.261	0.096	0.017	0.01432	0.00075	0.12588	91	15	91.6	4.8	100	300	91.6	4.8	0.7
SH17S2_24	160.2	0.6809	0.0927	0.0058	0.01439	0.00034	0.024428	89.7	5.4	92.1	2.2	80	120	92.1	2.2	2.7
SH17S2_75	76.8	1.591	0.096	0.0074	0.0144	0.00033	0.038851	92.2	6.8	92.1	2.1	120	140	92.1	2.1	0.1
SH17S2_55	56.7	1.575	0.0908	0.009	0.01441	0.00039	0.00022344	89	8.6	92.2	2.5	0	160	92.2	2.5	3.6
SH17S2_88	91.1	1.121	0.0969	0.0092	0.01443	0.0004	0.0087202	93	8.4	92.3	2.5	100	170	92.3	2.5	0.8
SH17S2_114	236.3	0.81	0.1017	0.0044	0.01442	0.00021	0.012247	98	4	92.3	1.4	230	88	92.3	1.4	5.8
SH17S2_17	198.4	1.265	0.0981	0.005	0.01462	0.00024	0.14906	94.6	4.6	93.6	1.5	129	97	93.6	1.5	1.1
SH17S2_32	23.92	1.374	0.101	0.017	0.01465	0.00086	0.078661	95	16	93.7	5.5	90	300	93.7	5.5	1.4
SH17S2_63	21.04	2.21	0.098	0.013	0.01468	0.00075	0.0083158	94	12	93.9	4.8	70	230	93.9	4.8	0.1
SH17S2_15	34.5	0.949	0.095	0.011	0.0147	0.00062	0.089485	91	10	94.1	3.9	80	220	94.1	3.9	3.4
SH17S2_70	453.3	1.67	0.1042	0.0038	0.01474	0.00021	0.0901	100.5	3.5	94.3	1.3	266	89	94.3	1.3	6.2
SH17S2_111	103.2	1.335	0.1023	0.0089	0.01475	0.00042	0.059932	98.1	8.1	94.3	2.7	180	170	94.3	2.7	3.9
SH17S2_108	73.6	1.147	0.1022	0.0068	0.01476	0.00036	0.095339	98	6.2	94.5	2.3	170	120	94.5	2.3	3.6
SH17S2_109	102.7	1.255	0.105	0.012	0.01479	0.0005	0.227	101	11	94.6	3.2	200	200	94.6	3.2	6.3
SH17S2_54	95.7	1.784	0.0992	0.007	0.01497	0.00034	0.085815	96.1	6.6	95.8	2.2	100	130	95.8	2.2	0.3
SH17S2_9	82.1	1.557	0.0931	0.0068	0.01502	0.00035	0.0020212	89.6	6.3	96.1	2.2	0	130	96.1	2.2	7.3
SH17S2_78	99.2	1.473	0.1077	0.0075	0.01518	0.00037	0.0048563	103	6.9	97.1	2.4	210	130	97.1	2.4	5.7
SH17S2_117	31.12	0.832	0.103	0.012	0.0152	0.0006	0.091932	97	11	97.2	3.8	80	200	97.2	3.8	0.2
SH17S2_115	823	0.933	0.105	0.0027	0.01541	0.00019	0.29633	101.3	2.5	98.6	1.2	169	49	98.6	1.2	2.7
SH17S2_31	16.48	1.81	0.107	0.037	0.0155	0.0016	0.22178	98	32	99	10	-40	550	99.0	10.0	1.0
SH17S2_39	22.69	2.06	0.108	0.017	0.01549	0.00081	0.049542	101	15	99	5.1	60	260	99.0	5.1	2.0
SH17S2_89	28.85	1.689	0.106	0.013	0.01564	0.00061	0.014353	100	12	100	3.8	40	200	100.0	3.8	0.0
SH17S2_21	228	1.85	0.108	0.0048	0.01567	0.00024	0.0064619	103.7	4.4	100.2	1.5	184	92	100.2	1.5	3.4
SH17S2_69	45.59	1.938	0.111	0.01	0.0158	0.00049	0.072324	105.8	9	101	3.1	190	160	101.0	3.1	4.5
SH17S2_44	27	1.71	0.108	0.017	0.01592	0.00091	0.14518	104	16	101.7	5.8	130	260	101.7	5.8	2.2
SH17S2_87	92.3	2.496	0.122	0.011	0.0159	0.0005	0.13244	116	10	101.7	3.2	370	180	101.7	3.2	12.3
SH17S2_38	170	1.103	0.108	0.0057	0.01594	0.00033	0.051966	103.6	5.2	102.2	2.1	150	100	102.2	2.1	1.4
SH17S2_22	135.8	1.173	0.1042	0.0058	0.01612	0.00032	0.028297	100.1	5.4	103.1	2	70	110	103.1	2.0	3.0
SH17S2_43	254	0.6	0.1069	0.0047	0.01624	0.00025	0.18299	102.9	4.3	103.9	1.6	107	86	103.9	1.6	1.0
SH17S2_74	191.8	2.437	0.1059	0.0052	0.01642	0.00027	0.075021	102.4	4.8	105	1.7	76	93	105.0	1.7	2.5
SH17S2_86	127	3.69	0.1105	0.0074	0.01654	0.00047	0.17766	105.5	6.7	105.7	3	120	120	105.7	3.0	0.2
SH17S2_97	28.07	2.98	0.107	0.014	0.01657	0.00069	0.19728	101	13	105.9	4.4	-40	200	105.9	4.4	4.9
SH17S2_1	244	1.026	0.1085	0.0044	0.01659	0.00027	0.026419	104.3	4	106.1	1.7	82	80	106.1	1.7	1.7
SH17S2_12	685	1.77	0.1169	0.0029	0.01694	0.00024	0.37637	112.1	2.7	108.3	1.5	196	50	108.3	1.5	3.4
SH17S2_19	1225	20	0.1106	0.0038	0.01696	0.00029	0.049853	106.4	3.5	108.4	1.8	83	76	108.4	1.8	1.9
SH17S2_90	78.7	1.695	0.125	0.016	0.01696	0.0007	0.21282	118	14	108.4	4.5	310	250	108.4	4.5	8.1
SH17S2_99	84.2	1.23	0.1134	0.0074	0.01701	0.00035	0.0026592	108.3	6.7	108.7	2.2	110	130	108.7	2.2	0.4
SH17S2_16	74.5	0.837	0.119	0.014	0.01721	0.00086	0.053634	114	13	110	5.4	190	230	110.0	5.4	3.5
SH17S2_93	14.57	1.46	0.121	0.027	0.0173	0.0012	0.0017083	115	25	110.2	7.5	60	370	110.2	7.5	4.2
SH17S2_7	234	4.97	0.1207	0.0067	0.01824	0.00063	0.43276	115.8	6.2	116.5	4	106	94	116.5	4.0	0.6
SH17S2_36	176.8	1.17	0.1254	0.0061	0.0188	0.00032	0.10584	119.4	5.5	120	2	113	93	120.0	2.0	0.5
SH17S2_85	448	13	0.1248	0.0039	0.01893	0.00025	0.092093	119.2	3.5	120.9	1.6	105	65	120.9	1.6	1.4
SH17S2_116	72.3	0.758	0.169	0.011	0.02391	0.0005	0.068367	157.3	9.2	152.3	3.2	230	120	152.3	3.2	3.2
SH17S2_13	260	3.82	0.1786	0.0062	0.02525	0.00045	0.27887	166.3	5.3	160.7	2.8	242	68	160.7	2.8	3.4
SH17S2_80	216	4.85	0.1766	0.0067	0.02604	0.00047	0.21015	164.5	5.7	165.7	2.9	158	74	165.7	2.9	0.7
SH17S2_100	303	3.85	0.1777	0.0049	0.02618	0.00029	0.14772	166.3	4.3	166.6	1.8	166	59	166.6	1.8	0.2
SH17S2_73	390	3.8	0.1789	0.0061	0.02636	0.00046	0.41018	166.6	5.3	167.7	2.9	169	64	167.7	2.9	0.7
SH17S2_11	9.15	0.94	0.198	0.034	0.0281	0.0017	0.076385	172	28	178	11	120	270	178.0	11.0	3.5
SH17S2_68	595	2.371	0.1911	0.0048	0.02831	0.00026	0.30191	177.8	4.2	180	1.6	151	51	180.0	1.6	1.2
SH17S2_5	22.72	3.32	0.213	0.026	0.0298	0.0014	0.061936	191	22	189.4	8.5	200	230	189.4	8.5	0.8
SH17S2_104	336.7	0.693	0.2627	0.0058	0.0376	0.0004	0.20648	236.5	4.7	237.9	2.5	216	47	237.9	2.5	0.6
SH17S2_27	109.7	0.693	0.299	0.017	0.0413	0.00079	0.10177	264	13	260.8	4.9	300	120	260.8	4.9	1.2
SH17S2_84	496	1.31	0.3428	0.0067	0.04671	0.00047	0.3111	298.8	5.1	294.2	2.9	336	43	294.2	2.9	1.5
SH17S2_23	696.4	1.159	0.3557	0.0071	0.04811	0.00064	0.34105	308.7	5.3	302.9	3.9	344	43	302.9	3.9	1.9
SH17S2_98	103.5	1.518	0.368	0.015	0.05148	0.0007	0.1979	316	11	323.6	4.3	247	79	323.6	4.3	2.4
SH17S2_29	324	1.24	0.524	0.011	0.06744	0.00082	0.33775	427.9	6.9	420.7	4.9	449	41	420.7	4.9	1.7
SH17S2_96	120	1.747	0.541	0.017	0.06996	0.00096	0.22543	437	11	435.8	5.8	424	66	435.8	5.8	0.3
SH17S2_42	134.8	0.94	0.643	0.016	0.08037	0.00087	0.079803	502.4	9.8	498.3	5.2	505	58	498.3	5.2	0.8
SH17S2_58	1310	2.41	0.7257	0.007	0.08994	0.00067	0.33488	553.7	4.1	555.1	4	555	22	555.1	4.0	0.3
SH17S2_59	39.9	0.2809	0.773	0.041	0.0935	0.0022	0.23856	576	24	576	13	550	110	576.0	13.0	0.0
SH17S2_51	345	4.11	0.765	0.02	0.0947	0.0013	0.42619	576	11	583.3	7.4	542	51	583.3	7.4	1.3
SH17S2_62	414	1.363	0.775	0.011	0.09496	0.00073	0.49525	581.9	6.2	584.8	4.3	573	29	584.8	4.3	0.5
SH17S2_118	420.3	1.962	0.871	0.011	0.10368	0.00063	0.14138	635.7	5.8	635.9	3.7	623	28	635.9	3.7	0.0
SH17S2_83	152.5	1.747	1.108	0.026	0.1248	0.0018	0.31386	757	12	758	10	757	50	758.0	10.0	0.1
SH17S2_60	140.8	0.7059	1.144	0.021	0.1266	0.0011	0.089564	772.6	9.9	768.2	6.4	785	42	768.2	6.4	0.6
SH17S2_76	767	1.456	1.228	0.019	0.1336	0.0013	0.57296	812.7	8.5	808.4	7.7	819	27	808.4	7.7	0.5
SH17S2_57	48.4	0.969	1.266	0.038	0.1383	0.0021	0.20544	825	17	835	12	786	66	835.0	12.0	1.2
SH17S2_30	176.4	1.798	1.277	0.021	0.1387	0.0015	0.39703	833.9	9.2	837.2	8.4	814	33	837.2	8.4	0.4
SH17S2_53	145.7	1.65	1.42	0.051	0.1472	0.0041	0.8792	888	22	884	23	902	37	884.0	23.0	0.5
SH17S2_79	233	2.15	1.719	0.06	0.171	0.0046	0.82441	1011	23	1017	25	999	40	999.0	40.0	1.8
SH17S2_66	195.6	0.795	1.765	0.026	0.1753	0.0014	0.22837	1034	10	1041	7.7	1016	32	1016.0	32.0	2.5
SH17S2_48	24.4	0.738	4.84	0.12	0.3154	0.0058	0.56842	1785	21	1768	29	1801	38	1801.0	38.0	1.8
SH17S2_47	735	8.14	5.262	0.071	0.339	0.004	0.84408	1860	11	1881	19	1831	12	1831.0	12.0	2.7
SH17S2_65	536	2.04	5.89	0.21	0.3493	0.0099	0.98522	1948	37	1924	50	1980	25	1980.0	25.0	2.8
SH17S2_8	111.6	0.887	6.26	0.073	0.3612	0.0032	0.50899	2012	10	1987	15	2037	18	2037.0	18.0	2.5
SH17S2_72	289	0.769	9.48	0.15	0.4469	0.0075	0.18829	2385	14	2381	33	2385	33	2385.0	33.0	0.2
SH17S2_4	79.9	0.5917	10.07	0.11	0.4574	0.0045	0.60606	2441	9.9	2429	20	2449	16	2449.0	16.0	0.8
SH17S2_112	318	3.778	12	0.11	0.4959	0.005	0.46774	2604.1	9	2595	21	2610	17	2610.0	17.0	0.6
SH17S2_107	256	0.818	12.1	0.11	0.4899	0.0047	0.80799	2610.4	8.7	2569	20	2642	9.8	2642.0	9.8	2.8
SH17S2_71	292.8	1.71	12.72	0.13	0.5098	0.0061	0.63652	2658.6	9.6	2655	26	2664	16	2664.0	16.0	0.3

								207/235		206/238		207/206		Best age		
Grain #	[U] ppm	U/Th	207/235	2σ error	206/238	2σ error	RHO	Age Ma	2σ error	Age (Ma)	2σ error	Age (Ma)	2σ error	(Ma)	2σ error	% Disc.
13KRD-244_107	209	0.98	0.03720	0.00100	0.00575	0.00009	0.39609	37.0	1.0	37.0	0.6	136	28	37.0	0.6	0.1
13KRD-244_43	592	1.13	0.03910	0.00110	0.00576	0.00014	0.34220	39.0	1.1	37.0	0.9	200	32	37.0	0.9	5.1
13KRD-244_65	502	0.59	0.03805	0.00081	0.00599	0.00007	0.22251	37.9	0.8	38.5	0.5	109	24	38.5	0.5	1.5
13KRD-244_88	105.8	0.67	0.04110	0.00280	0.00599	0.00013	0.38839	40.9	2.7	38.5	0.9	460	110	38.5	0.9	5.9
13KRD-244_120	117.7	0.82	0.04080	0.00150	0.00608	0.00011	0.00914	40.8	1.4	39.1	0.7	227	47	39.1	0.7	4.2
13KRD-244_71	248	0.61	0.04090	0.00120	0.00611	0.00008	0.33627	40.7	1.1	39.3	0.5	212	35	39.3	0.5	3.5
13KRD-244_69	985	0.42	0.04104	0.00047	0.00614	0.00005	0.38492	40.8	0.5	39.4	0.3	140	16	39.4	0.3	3.5
13KRD-244_18	145.8	0.70	0.04270	0.00320	0.00614	0.00028	0.05886	42.5	3.2	39.5	1.8	340	170	39.5	1.8	7.1
13KRD-244_27	102.8	1.10	0.03990	0.00170	0.00617	0.00011	0.01124	39.7	1.6	39.6	0.7	257	50	39.6	0.7	0.2
13KRD-244_24	526	0.48	0.04530	0.00170	0.00617	0.00008	0.33576	45.0	1.6	39.7	0.5	352	73	39.7	0.5	11.8
13KRD-244_28	56.9	0.76	0.04350	0.00260	0.00622	0.00016	0.01152	43.2	2.5	39.9	1.0	358	59	39.9	1.0	7.6
13KRD-244_80	488	0.69	0.04084	0.00070	0.00621	0.00008	0.32070	40.6	0.7	39.9	0.5	146	18	39.9	0.5	1.7
13KRD-244_115	85.9	0.70	0.04060	0.00170	0.00622	0.00014	0.00418	40.4	1.7	40.0	0.9	243	61	40.0	0.9	1.0
13KRD-244_11	229.9	0.77	0.04430	0.00120	0.00623	0.00009	0.17645	44.0	1.1	40.0	0.6	260	37	40.0	0.6	9.0
13KRD-244_37	229.6	0.51	0.04300	0.00130	0.00624	0.00008	0.09675	42.7	1.3	40.1	0.5	211	46	40.1	0.5	6.0
13KRD-244_72	403	0.57	0.04620	0.00210	0.00626	0.00007	0.00883	45.8	2.0	40.2	0.5	352	64	40.2	0.5	12.2
13KRD-244_85	266	0.57	0.04102	0.00098	0.00626	0.00008	0.01962	40.8	1.0	40.2	0.5	186	46	40.2	0.5	1.4
13KRD-244_87	109.3	0.74	0.04230	0.00120	0.00627	0.00009	0.05376	42.0	1.2	40.3	0.6	240	38	40.3	0.6	4.1
13KRD-244_35	222.5	0.67	0.04820	0.00300	0.00629	0.00008	0.16167	47.8	2.9	40.4	0.5	510	120	40.4	0.5	15.5
13KRD-244_61	55.3	1.05	0.04210	0.00530	0.00629	0.00019	0.05101	41.7	5.0	40.4	1.2	410	100	40.4	1.2	3.1
13KRD-244_117	234	0.70	0.04260	0.00170	0.00630	0.00010	0.41872	42.4	1.7	40.5	0.6	200	43	40.5	0.6	4.5
13KRD-244_119	139.8	0.98	0.04230	0.00140	0.00631	0.00010	0.22869	42.0	1.3	40.6	0.7	303	57	40.6	0.7	3.4
13KRD-244_55	315	0.55	0.04197	0.00094	0.00632	0.00007	0.14480	41.7	0.9	40.6	0.4	197	28	40.6	0.4	2.8
13KRD-244_47	136	0.65	0.03930	0.00130	0.00632	0.00009	0.24185	39.2	1.3	40.6	0.6	189	44	40.6	0.6	3.7
13KRD-244_92	283.3	0.51	0.05050	0.00170	0.00632	0.00011	0.00530	50.0	1.7	40.6	0.7	564	60	40.6	0.7	18.7
13KRD-244_111	54.6	0.98	0.04760	0.00370	0.00633	0.00023	0.04665	47.2	3.6	40.7	1.4	590	140	40.7	1.4	13.8
13KRD-244_58	173.3	0.89	0.04150	0.00160	0.00635	0.00010	0.20061	41.3	1.5	40.8	0.6	197	48	40.8	0.6	1.1
13KRD-244_53	55.3	1.05	0.04260	0.00270	0.00637	0.00015	0.08052	42.3	2.6	40.9	0.9	399	88	40.9	0.9	3.2
13KRD-244_12	189.5	0.61	0.04100	0.00110	0.00639	0.00008	0.07586	40.8	1.1	41.1	0.5	199	50	41.1	0.5	0.7
13KRD-244_118	43.4	1.15	0.04320	0.00310	0.00639	0.00017	0.05013	42.9	3.0	41.1	1.1	480	130	41.1	1.1	4.2
13KRD-244_59	82.5	1.08	0.04240	0.00400	0.00640	0.00014	0.04419	42.1	3.8	41.1	0.9	370	180	41.1	0.9	2.3
13KRD-244_81	56.1	1.01	0.04180	0.00210	0.00642	0.00015	0.00995	41.5	2.0	41.3	1.0	424	77	41.3	1.0	0.6
13KRD-244_3	215.9	0.57	0.04770	0.00300	0.00643	0.00008	0.11809	47.2	2.9	41.3	0.5	500	100	41.3	0.5	12.5
13KRD-244_1	373	0.64	0.04370	0.00180	0.00643	0.00010	0.16490	43.4	1.8	41.3	0.6	500	160	41.3	0.6	4.8
13KRD-244_60	89.1	0.94	0.04420	0.00170	0.00647	0.00011	0.14789	43.9	1.6	41.6	0.7	282	49	41.6	0.7	5.4
13KRD-244_44	78	1.13	0.04230	0.00200	0.00647	0.00012	0.19854	42.0	1.9	41.6	0.8	433	99	41.6	0.8	1.0
13KRD-244_74	202.6	0.60	0.04330	0.00120	0.00649	0.00008	0.09204	43.0	1.2	41.7	0.5	241	48	41.7	0.5	3.1
13KRD-244_114	71	0.89	0.04400	0.00160	0.00649	0.00015	0.04978	43.7	1.6	41.7	1.0	320	45	41.7	1.0	4.6
13KRD-244_116	151.5	1.00	0.04800	0.00350	0.00649	0.00018	0.12261	47.6	3.4	41.7	1.2	410	130	41.7	1.2	12.4
13KRD-244_54	323	0.55	0.04251	0.00071	0.00650	0.00007	0.14105	42.3	0.7	41.8	0.4	133	25	41.8	0.4	1.2
13KRD-244_90	111	0.77	0.05120	0.00870	0.00650	0.00012	0.06987	46.8	3.7	41.8	0.7	860	250	41.8	0.7	10.7
13KRD-244_100	272	0.65	0.04270	0.00210	0.00650	0.00017	0.07723	42.4	2.0	41.8	1.1	198	61	41.8	1.1	1.4
13KRD-244_113	59.2	0.88	0.04340	0.00230	0.00651	0.00015	0.12434	43.1	2.3	41.8	1.0	327	59	41.8	1.0	2.9
13KRD-244_9	104.6	0.62	0.04720	0.00300	0.00653	0.00016	0.21640	46.8	2.8	41.9	1.0	403	83	41.9	1.0	10.5
13KRD-244_33	39.8	0.81	0.04100	0.00270	0.00654	0.00020	0.06224	40.7	2.7	42.0	1.2	470	120	42.0	1.2	3.2
13KRD-244_14	72.3	1.07	0.04240	0.00200	0.00655	0.00013	0.09810	42.1	1.9	42.1	0.9	251	50	42.1	0.9	0.0
13KRD-244_13	78.5	1.00	0.04260	0.00170	0.00655	0.00012	0.07568	42.4	1.7	42.1	0.8	229	37	42.1	0.8	0.7
13KRD-244_8	137	0.96	0.04370	0.00250	0.00659	0.00012	0.10592	43.4	2.4	42.4	0.8	340	120	42.4	0.8	2.4
13KRD-244_39	276.2	0.63	0.04370	0.00110	0.00660	0.00007	0.11192	43.4	1.0	42.4	0.5	185	31	42.4	0.5	2.3
13KRD-244_104	191	0.65	0.04450	0.00140	0.00662	0.00009	0.17876	44.2	1.3	42.5	0.6	250	42	42.5	0.6	3.8
13KRD-244_102	80.7	0.89	0.04620	0.00300	0.00662	0.00013	0.06542	45.8	2.9	42.5	0.8	350	100	42.5	0.8	7.2
13KRD-244_15	69.6	1.18	0.04110	0.00180	0.00662	0.00014	0.18994	40.8	1.8	42.5	0.9	258	52	42.5	0.9	4.2
13KRD-244_17	257.6	0.56	0.04200	0.00110	0.00663	0.00008	0.02451	41.7	1.1	42.6	0.5	189	48	42.6	0.5	2.1
13KRD-244_110	77.9	0.90	0.04520	0.00230	0.00664	0.00013	0.13989	44.8	2.2	42.6	0.9	354	67	42.6	0.9	4.8
13KRD-244_108	81.4	1.19	0.05340	0.00680	0.00664	0.00015	0.04461	52.5	6.3	42.7	1.0	860	240	42.7	1.0	18.7
13KRD-244_78	220	0.93	0.04660	0.00240	0.00665	0.00013	0.42400	46.3	2.4	42.7	0.8	199	47	42.7	0.8	7.7
13KRD-244_56	128.9	0.76	0.04750	0.00250	0.00666	0.00018	0.25679	47.1	2.4	42.8	1.2	316	74	42.8	1.2	9.1
13KRD-244_84	97.5	0.74	0.05260	0.00500	0.00666	0.00023	0.16722	52.0	4.8	42.8	1.5	730	140	42.8	1.5	17.7
13KRD-244_66	209	0.81	0.04280	0.00100	0.00667	0.00011	0.03239	42.5	1.0	42.9	0.7	167	34	42.9	0.7	0.7
13KRD-244_73	133	0.84	0.04230	0.00130	0.00667	0.00012	0.06017	42.1	1.2	42.9	0.7	175	35	42.9	0.7	1.8
13KRD-244_30	156.7	0.80	0.04460	0.00170	0.00667	0.00015	0.01708	44.3	1.6	42.9	0.9	196	45	42.9	0.9	3.3
13KRD-244_40	833	0.41	0.04740	0.00120	0.00670	0.00005	0.28225	47.0	1.1	43.1	0.3	312	49	43.1	0.3	8.4
13KRD-244_57	161.5	0.92	0.04500	0.00140	0.00671	0.00010	0.04835	44.6	1.3	43.1	0.6	236	60	43.1	0.6	3.4
13KRD-244_16	246	0.55	0.04850	0.00240	0.00673	0.00010	0.64656	48.0	2.3	43.2	0.6	420	110	43.2	0.6	10.0
13KRD-244_20	183.5	0.82	0.04360	0.00160	0.00673	0.00011	0.04049	43.3	1.5	43.2	0.7	370	110	43.2	0.7	0.2
13KRD-244_112	441.7	0.56	0.05110	0.00230	0.00674	0.00010	0.13659	50.6	2.3	43.3	0.6	443	88	43.3	0.6	14.5
13KRD-244_96	1310	0.43	0.04338	0.00060	0.00672	0.00011	0.59930	43.1	0.6	43.3	0.7	114	21	43.3	0.7	0.4
13KRD-244_45	139	0.88	0.04380	0.00130	0.00674	0.00011	0.02051	43.5	1.3	43.3	0.7	221	42	43.3	0.7	0.5
13KRD-244_46	97	1.07	0.04530	0.00140	0.00674	0.00012	0.03017	45.0	1.3	43.3	0.8	234	37	43.3	0.8	3.8
13KRD-244_48	95.9	0.79	0.04420	0.00180	0.00674	0.00012	0.18414	43.9	1.7	43.3	0.8	203	37	43.3	0.8	1.3
13KRD-244_83	116.4	0.77	0.05410	0.00280	0.00676	0.00013	0.00225	53.5	2.7	43.4	0.9	610	110	43.4	0.9	18.8
13KRD-244_41	99.9	0.91	0.04400	0.00180	0.00676	0.00012	0.10999	43.7	1.7	43.4	0.8	229	52	43.4	0.8	0.6
13KRD-244_25	174.3	0.51	0.04440	0.00120	0.00677	0.00009	0.01436	44.1	1.2	43.5	0.5	211	34	43.5	0.5	1.4
13KRD-244_99	350	0.93	0.04580	0.00170	0.00679	0.00013	0.47426	45.4	1.7	43.6	0.8	184	42	43.6	0.8	3.9
13KRD-244_51	124.7	0.57	0.04400	0.00170	0.00681	0.00011	0.19604	43.7	1.7	43.8	0.7	232	58	43.8	0.7	0.1
13KRD-244_22	135.2	0.59	0.05440	0.00260	0.00681	0.00019	0.15403	53.8	2.5	43.8	1.2	585	93	43.8	1.2	18.6
13KRD-244_7	117.8	0.86	0.05500	0.00280	0.00683	0.00011	0.25499	54.3	2.7	43.9	0.7	559	80	43.9	0.7	19.2
13KRD-244_63	69.6	0.84	0.04560	0.00210	0.00685	0.00014	0.06738	45.2	2.0	44.0	0.9	310	53	44.0	0.9	2.6
13KRD-244_10	87.2	1.26	0.04900	0.00210	0.00690	0.00013	0.06305	48.6	2.0	44.4	0.8	373	55	44.4	0.8	8.7
13KRD-244_93	101.3	0.66	0.04880	0.00270	0.00695	0.00013	0.23028	48.3	2.6	44.7	0.9	430	100	44.7	0.9	7.5
13KRD-244_94	185	0.52	0.04780	0.00170	0.00696	0.00014	0.08841	47.4	1.7	44.7	0.9	213	40	44.7	0.9	5.7
13KRD-244_4	148.8	0.78	0.04650	0.00180	0.00697	0.00009	0.03550	46.1	1.8	44.8	0.6	200	41	44.8	0.6	2.9
13KRD-244_49	160	0.96	0.04450	0.00130	0.00698	0.00010	0.30943	44.2	1.2	44.9	0.7	190	45	44.9	0.7	1.5
13KRD-244_77	229	0.81	0.04980	0.00200	0.00700	0.00013	0.22316	49.3	1.9	44.9	0.8	338	53	44.9	0.8	8.8
13KRD-244_52	233	0.73	0.04600	0.00100	0.00700	0.00012	0.14693	45.6	1.0	45.0	0.8	158	24	45.0	0.8	1.3
13KRD-244_97	210	0.81	0.04550	0.00190	0.00705	0.00017	0.02967	45.1	1.8	45.3	1.1	239	69	45.3	1.1	0.4
13KRD-244_2	46	1.03	0.05610	0.00390	0.00706	0.00029	0.01854	55.4	3.8	45.4	1.9	610	100	45.4	1.9	18.1
13KRD-244_34	110	0.96	0.04550	0.00180	0.00715	0.00013	0.09395	45.1	1.8	45.9	0.8	201	46	45.9	0.8	1.8
13KRD-244_67	115	1.38	0.05150	0.00230	0.00798	0.00025	0.08904	50.9	2.2	51.2	1.6	270	57	51.2	1.6	0.6
13KRD-244_31	568	0.22	0.05850	0.00130	0.00863	0.00011	0.14776	57.8	1.3	55.4	0.7	164	39	55.4	0.7	4.1
13KRD-244_76	489	0.48	0.06070	0.00099	0.00892	0.00009	0.19049	59.8	1.0	57.2	0.6	171	26	57.2	0.6	4.3
13KRD-244_26	209	0.97	0.05810	0.00250	0.00895	0.00034	0.77753	57.6	2.4	57.4	2.2	157	30	57.4	2.2	0.3
13KRD-244_103	251	0.67	0.06850	0.00640	0.00929	0.00021	0.48964	67.1	6.0	59.6	1.3	350	160	59.6	1.3	11.2
13KRD-244_82	241	0.76	0.06440	0.00170	0.00977	0.00011	0.06210	63.4	1.6	62.7	0.7	165	32	62.7	0.7	1.2
13KRD-244_109	174	2.01	0.08160	0.00430	0.00996	0.00065	0.46942	79.6	4.0	63.9	4.1	590	110	63.9	4.1	19.7
13KRD-244_32	181.1	0.97	0.06540	0.00120	0.01001	0.00012	0.09632	64.3	1.1	64.2	0.8	165	28	64.2	0.8	0.1
13KRD-244_50	122	0.61	0.07150	0.00270	0.01002	0.00017	0.30474	70.1	2.6	64.3	1.1	307	63	64.3	1.1	8.3
13KRD-244_19	133.5	0.67	0.06720	0.00180	0.01019	0.00014	0.18913	66.2	1.7	65.3	0.9	174	32	65.3	0.9	1.3
13KRD-244_36	325	1.04	0.06630	0.00440	0.01035	0.00065	0.84835	65.5	4.3	66.4	4.1	152	28	66.4	4.1	1.4
13KRD-244_29	249	0.52	0.07200	0.00180	0.01042	0.00012	0.44618	70.5	1.7	66.8	0.8	231	40	66.8	0.8	5.2
13KRD-244_75	83.1	0.62	0.09680	0.00260	0.01187	0.00027	0.09862	93.8	2.4	76.1	1.7	598	33	76.1	1.7	18.9
13KRD-244_105	28.3	0.60	0.09770	0.00670	0.01277	0.00035	0.03678	94.3	6.1	81.8	2.2	448	75	81.8	2.2	13.3
13KRD-244_98	124.4	1.01	0.12450	0.00240	0.01862	0.00019	0.11119	119.1	2.2	119.1	1.2	175	29	119.1	1.2	0.0
13KRD-244_5	14.8	1.38	0.12500	0.01100	0.01854	0.00062	0.03563	121.7	9.1	119.2	3.6	291	83	119.2	3.6	2.1
13KRD-244_42	86.1	1.22	0.38740	0.00580	0.05327	0.00064	0.20764	332.4	4.2	334.5	3.9	317	28	334.5	3.9	0.6
13KRD-244_68	193.5	0.81	0.56280	0.00780	0.07210	0.00110	0.50743	454.1	4.9	448.7	6.6	494	14	448.7	6.6	1.2
13KRD-244_101	207	1.45	0.56530	0.00590	0.07255	0.00072	0.47612	454.9	3.8	451.5	4.3	478	13	451.5	4.3	0.7
13KRD-244_6	57.8	0.21	0.72400	0.01000	0.08781	0.00085	0.17435	553.5	5.9	542.5	5.0	601	20	542.5	5.0	2.0
13KRD-244_64	319	1.09	0.77650	0.00880	0.09312	0.00070	0.48665	583.3	5.0	573.9	4.1	617	19	573.9	4.1	1.6
13KRD-244_62	229	39.00	0.84110	0.00830	0.10127	0.00080	0.52744	619.6	4.6	621.8	4.7	618	9	621.8	4.7	0.4
13KRD-244_62	137.9	1.84	1.28200	0.05500	0.14100	0.00420	0.91867	836.0	24.0	850.0	23.0	786	29	786.0	23.0	1.7
13KRD-244_23	240.5	1.04	6.16000	0.21000	0.31160	0.00960	0.96482	1994.0	30.0	1747.0	47.0	2271	9	2271.3	8.6	23.1

								207/235		206/238		207/206		Best age		
Grain #	[U] ppm	U/Th	207/235	2σ error	206/238	2σ error	RHO	Age Ma	2σ error	Age (Ma)	2σ error	Age (Ma)	2σ error	(Ma)	2σ error	% Discordance*
14KRD361_116	1006	0.32	0.0388	0.0016	0.00554	0.00015	0.42891	38.6	1.6	35.64	0.94	201	80	35.6	0.9	7.7
14KRD361_19	1436	0.4205	0.0372	0.0011	0.0056	0.00011	0.44524	37.1	1	36.01	0.69	107	52	36.0	0.7	2.9
14KRD361_98	154	0.851	0.044	0.0039	0.00563	0.00015	0.29918	43.7	3.8	36.21	0.96	470	170	36.2	1.0	17.1
14KRD361_44	199.9	0.992	0.0434	0.006	0.00572	0.00016	0.343	39.2	2.1	36.8	1	190	110	36.8	1.0	6.1
14KRD361_6	288	1.107	0.037	0.0018	0.00576	0.00014	0.11946	36.8	1.8	37.04	0.93	36	89	37.0	0.9	0.7
14KRD361_3	140.5	1.442	0.0391	0.0025	0.00577	0.00015	0.037888	38.9	2.4	37.07	0.96	100	130	37.1	1.0	4.7
14KRD361_48	211	1.24	0.038	0.0032	0.00578	0.00028	0.54873	37.9	3.1	37.1	1.8	160	150	37.1	1.8	2.1
14KRD361_100	2036	0.33	0.03871	0.00087	0.00578	0.0001	0.094133	38.56	0.85	37.16	0.66	145	62	37.2	0.7	3.6
14KRD361_24	599	0.853	0.0385	0.0013	0.00585	0.00011	0.21712	38.4	1.3	37.58	0.71	90	66	37.6	0.7	2.1
14KRD361_65	177.2	0.792	0.035	0.0031	0.00585	0.0002	0.015651	35.5	3.2	37.6	1.3	-60	170	37.6	1.3	5.9
14KRD361_105	122.9	1.13	0.0382	0.0029	0.00586	0.00018	0.072209	38.1	2.8	37.6	1.1	130	150	37.6	1.1	1.3
14KRD361_21	151	1.106	0.0407	0.0027	0.00588	0.00016	0.010926	40.4	2.7	37.8	1	220	140	37.8	1.0	6.4
14KRD361_8	247	0.5984	0.041	0.0023	0.00589	0.00014	0.0015216	40.8	2.3	37.86	0.87	180	110	37.9	0.9	7.2
14KRD361_102	50.4	1.132	0.0389	0.0042	0.0059	0.00028	0.057106	38.7	4.1	37.9	1.8	20	190	37.9	1.8	2.1
14KRD361_63	209.2	0.741	0.0384	0.003	0.00592	0.00022	0.33638	38.2	2.9	38	1.4	40	130	38.0	1.4	0.5
14KRD361_1	74.7	1.501	0.0399	0.0037	0.00593	0.0003	0.17696	39.6	3.6	38.1	1.9	120	200	38.1	1.9	3.8
14KRD361_23	384.6	0.891	0.0391	0.0013	0.00594	0.00011	0.23312	38.9	1.3	38.19	0.68	65	67	38.2	0.7	1.8
14KRD361_26	210.4	0.914	0.0417	0.0036	0.00596	0.00029	0.030683	41.4	3.6	38.3	1.9	210	200	38.3	1.9	7.5
14KRD361_54	271.1	1.148	0.0444	0.0037	0.00596	0.00019	0.4123	44	3.6	38.3	1.2	210	120	38.3	1.2	13.0
14KRD361_83	599	1.006	0.0431	0.0017	0.00596	0.00016	0.24017	42.8	1.6	38.3	1	272	80	38.3	1.0	10.5
14KRD361_114	645	0.571	0.041	0.0018	0.00597	0.00012	0.25648	40.8	1.7	38.36	0.8	186	89	38.4	0.8	6.0
14KRD361_50	243	0.696	0.041	0.0026	0.00597	0.00017	0.022809	40.8	2.5	38.4	1.1	150	120	38.4	1.1	5.9
14KRD361_17	435	2.23	0.0414	0.003	0.00599	0.00019	0.056032	41.1	2.9	38.5	1.2	220	150	38.5	1.2	6.3
14KRD361_33	869	0.641	0.039	0.0011	0.00599	0.00011	0.37074	38.9	1.1	38.5	0.71	29	53	38.5	0.7	1.0
14KRD361_34	154.6	1.148	0.0427	0.0044	0.006	0.00018	0.0599	42.3	4.2	38.5	1.1	210	180	38.5	1.1	9.0
14KRD361_71	237.4	1.172	0.0438	0.0072	0.00598	0.00019	0.029868	43.2	6.5	38.5	1.2	140	150	38.5	1.2	10.9
14KRD361_82	557	0.912	0.0387	0.0012	0.006	0.00013	0.19936	38.6	1.2	38.56	0.86	81	71	38.6	0.9	0.1
14KRD361_97	1680	0.495	0.0389	0.0011	0.006	0.00014	0.45133	38.8	1.1	38.56	0.91	48	51	38.6	0.9	0.6
14KRD361_117	175.8	1.099	0.0402	0.0024	0.00601	0.00019	0.14615	39.9	2.4	38.6	1.2	120	140	38.6	1.2	3.3
14KRD361_47	232	0.908	0.0389	0.0021	0.00602	0.00015	0.2548	38.7	2.1	38.67	0.96	30	100	38.7	1.0	0.1
14KRD361_36	599	0.4922	0.0411	0.0021	0.00602	0.00011	0.27946	40.8	2	38.68	0.71	160	110	38.7	0.7	5.2
14KRD361_66	78.1	1.348	0.0415	0.0035	0.00601	0.00024	0.12333	41.2	3.4	38.7	1.5	200	150	38.7	1.5	6.1
14KRD361_12	347	1.356	0.0386	0.0015	0.00603	0.00015	0.012709	38.4	1.5	38.75	0.99	45	92	38.8	1.0	0.9
14KRD361_45	204	1.587	0.0383	0.0023	0.00604	0.00012	0.13881	38.1	2.2	38.79	0.8	20	110	38.8	0.8	1.8
14KRD361_101	202.9	1.606	0.047	0.0031	0.00604	0.00017	0.023129	46.5	3.1	38.8	1.1	470	140	38.8	1.1	16.6
14KRD361_110	214	0.872	0.0413	0.0023	0.00603	0.00016	0.036	41.1	2.3	38.8	1	180	120	38.8	1.0	5.6
14KRD361_32	545	1.363	0.0423	0.0019	0.00604	0.00012	0.036239	42	1.9	38.81	0.77	201	89	38.8	0.8	7.6
14KRD361_31	64.6	1.312	0.048	0.005	0.00605	0.00029	0.30871	47.4	4.9	38.9	1.8	410	210	38.9	1.8	17.9
14KRD361_106	274	0.767	0.0385	0.0015	0.00606	0.00014	0.34937	38.4	1.5	38.97	0.88	23	77	39.0	0.9	1.5
14KRD361_20	241	0.972	0.0451	0.0037	0.00609	0.00016	0.27	44.7	3.6	39.1	1	230	150	39.1	1.0	12.5
14KRD361_18	158.3	1.346	0.0418	0.0032	0.0061	0.0002	0.19086	41.5	3.1	39.2	1.3	190	160	39.2	1.3	5.5
14KRD361_73	314.7	0.8	0.0406	0.0023	0.00609	0.00016	0.28975	40.4	2.2	39.2	1	150	120	39.2	1.0	3.0
14KRD361_112	1911	0.2541	0.04121	0.00089	0.006124	0.00007	0.27966	41	0.86	39.35	0.45	130	46	39.4	0.5	4.0
14KRD361_61	143.6	0.95	0.0399	0.0023	0.00613	0.00019	0.16314	39.7	2.3	39.4	1.2	40	120	39.4	1.2	0.8
14KRD361_42	762	0.51	0.0441	0.0014	0.00614	0.00013	0.23983	43.9	1.4	39.47	0.85	270	82	39.5	0.9	10.1
14KRD361_4	265	0.853	0.0397	0.0016	0.00615	0.00012	0.18793	39.6	1.5	39.5	0.74	44	86	39.5	0.7	0.3
14KRD361_70	299	1.227	0.0433	0.002	0.00614	0.00016	0.23117	43	1.9	39.5	1	239	95	39.5	1.0	8.1
14KRD361_115	225	0.893	0.0382	0.0019	0.00614	0.00017	0.32403	38	1.9	39.5	1.1	25	91	39.5	1.1	3.9
14KRD361_118	272	1.274	0.044	0.0028	0.00614	0.00019	0.28986	43.6	2.7	39.5	1.2	300	120	39.5	1.2	9.4
14KRD361_7	134.1	1.399	0.0455	0.0032	0.00616	0.00017	0.32447	45.1	3.1	39.6	1.1	290	110	39.6	1.1	12.2
14KRD361_72	218	1.173	0.0409	0.0036	0.00616	0.00023	0.39522	40.6	3.5	39.6	1.5	70	130	39.6	1.5	2.5
14KRD361_108	181	0.865	0.0413	0.0021	0.00616	0.00016	0.028125	41.1	2.1	39.6	1	140	120	39.6	1.0	3.6
14KRD361_111	210.9	1.178	0.0418	0.0025	0.00618	0.00019	0.18435	41.6	2.4	39.7	1.2	140	120	39.7	1.2	4.6
14KRD361_109	577	0.93	0.0405	0.0015	0.00619	0.00015	0.37027	40.3	1.5	39.79	0.94	91	77	39.8	0.9	1.3
14KRD361_43	342	0.972	0.042	0.0019	0.0062	0.00015	0.07577	41.8	1.8	39.83	0.97	122	91	39.8	1.0	4.7
14KRD361_96	138.4	0.897	0.0461	0.0029	0.00621	0.00017	0.03282	45.7	2.8	39.9	1.1	330	140	39.9	1.1	12.7
14KRD361_40	114.6	1.062	0.0493	0.0047	0.00622	0.00033	0.0024807	48.8	4.5	40	2.1	460	240	40.0	2.1	18.0
14KRD361_81	417	0.87	0.0433	0.0016	0.00623	0.00015	0.045312	43	1.6	40.06	0.96	186	90	40.1	1.0	6.8
14KRD361_5	322	1.097	0.044	0.0026	0.00628	0.0002	0.037724	43.6	2.5	40.3	1.3	200	110	40.3	1.3	7.6
14KRD361_27	248	1.072	0.0413	0.0026	0.00629	0.0002	0.20042	41.4	2.5	40.4	1.3	120	110	40.4	1.3	2.4
14KRD361_41	134	0.913	0.0464	0.0038	0.0063	0.00022	0.091398	46	3.6	40.5	1.4	300	170	40.5	1.4	12.0
14KRD361_87	171	0.983	0.0472	0.0046	0.00632	0.00017	0.57841	46.7	4.4	40.6	1.1	200	130	40.6	1.1	13.1
14KRD361_94	175	1.108	0.0417	0.0021	0.00631	0.00018	0.010277	41.4	2.1	40.6	1.1	110	110	40.6	1.1	1.9
14KRD361_91	191	1.63	0.0418	0.0042	0.00633	0.00025	0.042406	41.5	4	40.7	1.6	110	180	40.7	1.6	1.9
14KRD361_60	143.3	0.935	0.0425	0.0031	0.00634	0.00022	0.10062	42.7	2.8	40.8	1.4	170	150	40.8	1.4	4.4
14KRD361_59	119	1.323	0.0457	0.0039	0.00636	0.00025	0.14137	45.2	3.8	40.9	1.6	250	160	40.9	1.6	9.5
14KRD361_77	360	0.767	0.0466	0.0037	0.00637	0.0002	0.51856	46.1	3.5	40.9	1.3	300	140	40.9	1.3	11.3
14KRD361_46	175	1.35	0.0457	0.0076	0.00638	0.00059	0.56525	41.8	2.5	41	3.7	220	130	41.0	3.7	1.9
14KRD361_56	112.7	1.196	0.0465	0.0052	0.00639	0.0003	0.3486	46	5	41	1.9	340	200	41.0	1.9	10.9
14KRD361_76	1620	2.2	0.0452	0.0038	0.0064	0.00036	0.64698	44.8	3.7	41.1	2.3	250	130	41.1	2.3	8.3
14KRD361_64	156	1.42	0.0383	0.0024	0.00641	0.00021	0.065618	38.1	2.3	41.2	1.4	-60	110	41.2	1.4	8.1
14KRD361_37	660	1.198	0.0432	0.0012	0.00646	0.00011	0.71283	42.9	1.2	41.52	0.69	124	65	41.5	0.7	3.2
14KRD361_16	421	0.868	0.0484	0.0025	0.0065	0.00015	0.31089	48	2.4	41.75	0.96	390	110	41.8	1.0	13.0
14KRD361_84	278	0.815	0.047	0.0023	0.00662	0.00018	0.23353	46.6	2.3	42.5	1.2	220	100	42.5	1.2	8.8
14KRD361_10	163.3	1.135	0.0466	0.0049	0.00692	0.00057	0.86312	46.1	4.7	44.4	3.6	140	110	44.4	3.6	3.7
14KRD361_68	328	0.926	0.0587	0.0025	0.00872	0.00022	0.087727	57.9	2.4	55.9	1.4	170	100	55.9	1.4	3.5
14KRD361_88	477	0.856	0.0616	0.0024	0.00937	0.0002	0.25412	60.7	2.3	60.1	1.3	60	72	60.1	1.3	1.0
14KRD361_49	988	0.97	0.0966	0.0019	0.01455	0.00023	0.10196	93.6	1.8	93.1	1.4	102	43	93.1	1.4	0.5
14KRD361_78	205.1	0.882	0.1061	0.0063	0.01533	0.00047	0.17401	102.3	5.8	98	3	230	150	98.0	3.0	4.2
14KRD361_86	371	1.444	0.2316	0.0078	0.0338	0.0013	0.6935	211.4	6.4	214.4	8.4	175	61	214.4	8.4	1.4
14KRD361_57	213.9	0.805	0.2444	0.0071	0.03465	0.00076	0.61768	221.8	5.8	219.6	4.8	248	56	219.6	4.8	1.0
14KRD361_22	37.3	1.057	0.34	0.013	0.0474	0.0012	0.28984	298	10	298.5	7.1	287	76	298.5	7.1	0.2
14KRD361_99	673	1.183	0.43	0.016	0.05	0.0016	0.49177	363	11	314	10	699	71	314.0	10.0	13.5
14KRD361_14	94	1.742	0.373	0.012	0.05034	0.00098	0.59507	321.4	8.3	316.5	6	332	63	316.5	6.0	1.5
14KRD361_89	565	0.915	0.387	0.015	0.0529	0.0016	0.73535	332	11	332.5	9.9	343	61	332.5	9.9	0.2
14KRD361_25	328	1.434	0.464	0.01	0.0618	0.0014	0.7113	386.9	7.2	387.7	8.4	401	35	387.7	8.4	0.2
14KRD361_35	98.8	1.862	0.503	0.015	0.0664	0.0018	0.14112	413	10	414	11	381	96	414.0	11.0	0.2
14KRD361_95	840	3.079	0.529	0.012	0.0675	0.0013	0.53203	431	8.1	420.9	7.9	466	59	420.9	7.9	2.3
14KRD361_9	741	1.451	0.744	0.015	0.0914	0.0018	0.71264	564.7	8.5	564	10	565	30	564.0	10.0	0.1
14KRD361_107	211.6	0.6084	0.76	0.019	0.0924	0.0022	0.70072	574	11	570	13	622	35	570.0	13.0	0.7
14KRD361_80	382.5	1.416	0.805	0.02	0.0933	0.001	0.64551	599	11	574.9	6.1	685	38	574.9	6.1	4.0
14KRD361_15	487	1.853	0.847	0.012	0.1024	0.0017	0.8225	621.5	6.6	628.1	9.7	601	24	628.1	9.7	1.1
14KRD361_67	377	2.418	0.904	0.013	0.106	0.0016	0.63351	653.6	6.7	649.3	9.1	658	23	649.3	9.1	0.7
14KRD361_11	474	4.49	0.915	0.031	0.109	0.0025	0.37378	667	14	667	14	695	28	667.0	14.0	0.0
14KRD361_113	570	1.042	1.041	0.016	0.117	0.0021	0.81438	724	7.7	713	12	757	23	713.0	12.0	1.5
14KRD361_90	607	0.577	1.134	0.014	0.1241	0.0013	0.51805	769.3	6.6	753.8	7.5	810	20	753.8	7.5	2.0
14KRD361_69	251	5.38	3.815	0.094	0.2628	0.0065	0.84855	1592	20	1503	33	1712	25	1712.0	25.0	12.2
14KRD361_28	112	1.65	3.42	0.17	0.2258	0.0098	0.94706	1498	41	1321	50	1746	33	1746.0	33.0	24.3
14KRD361_53	314	1.929	4.681	0.081	0.2974	0.0048	0.69168	1762	15	1681	25	1849	16	1849.0	16.0	9.1
14KRD361_75	308	1.154	4.995	0.098	0.3205	0.006	0.84337	1816	17	1791	29	1861	21	1861.0	21.0	3.8
14KRD361_29	216	1.298	5.286	0.072	0.3358	0.005	0.79353	1865	12	1866	24	1866	16	1866.0	16.0	0.0
14KRD361_104	552	2.33	4.666	0.093	0.2904	0.0067	0.91694	1758	17	1647	32	1897	14	1897.0	14.0	13.2
14KRD361_39	290	2.17	5.67	0.27	0.327	0.014	0.87842	1913	51	1829	66	1975	43	1975.0	43.0	7.4
14KRD361_85	700	4.82	7.07	0.84	0.324	0.03	0.9939	1980	120	1770	150	2305	62	2305.0	62.0	23.2

								207/235		206/238		207/206		Best age		
Grain #	[U] ppm	U/Th	207/235	2σ error	206/238	2σ error	RHO	Age Ma	2σ error	Age (Ma)	2σ error	Age (Ma)	2σ error	(Ma)	2σ error	% Disc.
14KRD357_50	180.2	0.771	0.037	0.0083	0.00535	0.00041	-0.15429	36.8	8.1	34.4	2.6	160	390	34.4	2.6	6.5
14KRD357_29	230	0.957	0.0366	0.008	0.00548	0.00081	-0.70053	36.5	7.8	35.2	5.2	190	650	35.2	5.2	3.6
14KRD357_1	297	1.581	0.035	0.0021	0.00562	0.00014	0.19745	34.8	2.1	36.1	0.87	20	110	36.1	0.9	-3.7
14KRD357_90	167	0.782	0.039	0.0026	0.00576	0.00018	-0.16042	38.8	2.6	37	1.2	160	150	37.0	1.2	4.6
14KRD357_74	426	0.872	0.0414	0.0018	0.00579	0.00014	0.22087	41.1	1.7	37.2	0.89	250	100	37.2	0.9	9.5
14KRD357_35	378	0.669	0.0378	0.0019	0.00586	0.00021	0.25139	37.9	1.9	37.7	1.3	120	110	37.7	1.3	0.5
14KRD357_14	150.5	0.987	0.0412	0.0049	0.00598	0.00053	0.13867	41	4.8	38.4	3.4	260	260	38.4	3.4	6.3
14KRD357_69	327	1.112	0.041	0.0019	0.00608	0.00018	0.27077	40.8	1.8	39.1	1.1	148	98	39.1	1.1	4.2
14KRD357_82	200.8	0.726	0.0401	0.0035	0.00615	0.00023	0.083061	39.9	3.4	39.5	1.4	70	180	39.5	1.4	1.0
14KRD357_18	315	1.371	0.0415	0.0026	0.00657	0.0002	0.19552	41.2	2.5	42.2	1.3	10	110	42.2	1.3	-2.4
14KRD357_28	458	0.676	0.0427	0.005	0.00657	0.00034	0.96569	42.4	4.9	42.2	2.2	110	210	42.2	2.2	0.5
14KRD357_72	164	0.5273	0.045	0.0036	0.00668	0.00022	0.016078	44.6	3.5	42.9	1.4	170	160	42.9	1.4	3.8
14KRD357_109	310	1.552	0.0461	0.0019	0.00675	0.00016	0.19057	45.7	1.8	43.4	1	154	88	43.4	1.0	5.0
14KRD357_87	104.1	0.823	0.0487	0.0042	0.00695	0.00026	0.18754	48.2	4.1	44.7	1.7	240	170	44.7	1.7	7.3
14KRD357_42	462	0.735	0.0521	0.0042	0.00749	0.00027	0.54307	51.5	4	48.1	1.7	330	110	48.1	1.7	6.6
14KRD357_16	373	1.068	0.0503	0.002	0.00764	0.00023	0.087749	49.8	2	49.1	1.5	64	95	49.1	1.5	1.4
14KRD357_110	210	0.5255	0.0538	0.0024	0.00811	0.00017	0.022121	53.2	2.3	52	1.1	181	98	52.0	1.1	2.3
14KRD357_93	374.4	0.847	0.0566	0.0023	0.0084	0.00017	0.27031	55.9	2.2	53.9	1.1	141	85	53.9	1.1	3.6
14KRD357_99	427	0.819	0.0549	0.0023	0.00847	0.00019	0.23733	54.2	2.2	54.3	1.2	47	80	54.3	1.2	-0.2
14KRD357_115	171.3	0.604	0.0669	0.0041	0.0088	0.00027	0.24117	65.6	3.9	56.5	1.7	420	140	56.5	1.7	13.9
14KRD357_117	393	0.765	0.062	0.0032	0.00892	0.00025	0.37095	61	3.1	57.3	1.6	260	100	57.3	1.6	6.1
14KRD357_39	473	0.805	0.0583	0.0024	0.00891	0.00024	0.31077	57.8	2.2	57.5	1.6	127	81	57.5	1.6	0.5
14KRD357_40	430	0.6	0.0604	0.0022	0.00898	0.00019	0.21106	59.5	2.1	57.6	1.2	152	81	57.6	1.2	3.2
14KRD357_32	465	0.951	0.0595	0.0023	0.00899	0.00023	0.34648	58.7	2.2	57.7	1.5	134	78	57.7	1.5	1.7
14KRD357_17	384.8	0.855	0.0611	0.0027	0.009	0.00026	0.19723	60.2	2.6	57.8	1.7	140	100	57.8	1.7	4.0
14KRD357_52	461	0.696	0.0653	0.0041	0.0091	0.0014	0.67427	64.3	3.9	58.3	8.8	200	240	58.3	8.8	9.3
14KRD357_10	470	0.744	0.0598	0.0018	0.0091	0.00018	0.14381	58.9	1.7	58.4	1.1	110	70	58.4	1.1	0.8
14KRD357_30	495	2.2	0.0611	0.0039	0.00911	0.00055	0.50025	60.1	3.7	58.4	3.5	220	130	58.4	3.5	2.8
14KRD357_7	514	0.714	0.0604	0.0019	0.00914	0.00019	0.30209	59.8	1.9	58.7	1.2	97	67	58.7	1.2	1.8
14KRD357_12	368	0.934	0.0634	0.0029	0.00928	0.00032	0.16889	62.4	2.8	59.5	2.1	170	110	59.5	2.1	4.6
14KRD357_58	370	0.868	0.0617	0.0024	0.00927	0.0002	0.21113	60.8	2.3	59.5	1.3	100	83	59.5	1.3	2.1
14KRD357_106	388	0.467	0.0673	0.0029	0.00949	0.00033	0.4249	66	2.7	60.9	2.1	244	89	60.9	2.1	7.7
14KRD357_53	482	0.6396	0.0624	0.0019	0.00959	0.00014	0.28666	61.4	1.9	61.55	0.91	84	64	61.6	0.9	-0.2
14KRD357_79	285	0.498	0.0649	0.0036	0.00972	0.00027	0.18636	63.8	3.4	62.4	1.7	130	110	62.4	1.7	2.2
14KRD357_80	162.3	0.949	0.0772	0.0049	0.01133	0.0004	0.094097	75.4	4.6	72.6	2.5	190	140	72.6	2.5	3.7
14KRD357_8	2580	4.34	0.0897	0.0033	0.01355	0.00041	0.51484	87.2	3.1	86.8	2.6	147	81	86.8	2.6	0.5
14KRD357_105	168.1	0.989	0.0969	0.0051	0.01382	0.00045	0.23447	93.8	4.7	88.5	2.9	280	120	88.5	2.9	5.7
14KRD357_86	4670	7.09	0.113	0.0084	0.01558	0.00045	0.43411	108.7	7.7	99.6	2.9	310	150	99.6	2.9	8.4
14KRD357_73	501	1.169	0.1157	0.004	0.01678	0.00034	0.23257	111.1	3.6	107.3	2.2	177	78	107.3	2.2	3.4
14KRD357_15	261	1.443	0.1077	0.0044	0.0169	0.00047	0.48995	103.8	4	108.1	3	59	76	108.1	3.0	-4.1
14KRD357_23	150.2	1.046	0.1134	0.0069	0.017	0.00055	-0.063857	108.8	6.3	108.7	3.5	160	130	108.7	3.5	0.1
14KRD357_89	314.7	1.227	0.1177	0.0039	0.01753	0.00034	0.15599	113.4	3.6	112	2.1	150	77	112.0	2.1	1.2
14KRD357_34	258	1.115	0.117	0.0031	0.01769	0.00038	0.21957	112.3	2.8	113	2.4	103	64	113.0	2.4	-0.6
14KRD357_25	440	1.143	0.1252	0.0038	0.01838	0.00029	0.15339	119.6	3.4	117.4	1.8	146	64	117.4	1.8	1.8
14KRD357_41	153.9	1.145	0.1381	0.0055	0.01924	0.00086	0.20763	131.1	4.9	122.8	5.4	260	110	122.8	5.4	6.3
14KRD357_64	127	1.815	0.1365	0.0084	0.02067	0.00066	0.45563	129.4	7.5	131.8	4.2	90	100	131.8	4.2	-1.9
14KRD357_8	503	5.51	0.2369	0.009	0.0311	0.0012	0.36158	215.7	7.4	197.5	7.8	500	120	197.5	7.8	8.4
14KRD357_108	267	1.145	0.236	0.0063	0.03349	0.00049	0.39315	215.6	5.3	212.4	3.1	217	53	212.4	3.1	1.5
14KRD357_91	271.3	0.762	0.274	0.01	0.0378	0.001	-0.15127	247.7	8.9	239.2	6.4	340	110	239.2	6.4	3.4
14KRD357_2	169.8	1.414	0.3083	0.0065	0.04309	0.0007	0.19079	272.6	5.1	272	4.3	236	56	272.0	4.3	0.2
14KRD357_21	755	32.5	0.3273	0.0077	0.0449	0.0011	0.6103	287.3	5.9	283.2	6.6	288	48	283.2	6.6	1.4
14KRD357_111	205.4	0.936	0.407	0.011	0.05448	0.00092	0.54311	346.5	7.6	341.9	5.6	401	53	341.9	5.6	1.3
14KRD357_71	3320	25.2	0.418	0.015	0.0557	0.0018	0.81921	355	11	349	11	403	43	349.0	11.0	1.7
14KRD357_59	167.8	1.25	0.489	0.02	0.0607	0.0014	0.29443	403	14	380.9	8.5	509	82	380.9	8.5	5.5
14KRD357_22	476	0.78	0.5014	0.0078	0.06496	0.0007	0.39566	412.5	5.3	405.7	4.2	445	34	405.7	4.2	1.6
14KRD357_85	483	4.1	0.529	0.0085	0.0687	0.001	0.53134	430.8	5.6	428.5	6	426	32	428.5	6.0	0.5
14KRD357_107	713	1.234	0.566	0.022	0.0728	0.0034	0.23112	455	14	453	20	480	120	453.0	20.0	0.4
14KRD357_101	632	2.07	0.69	0.017	0.0867	0.0033	0.65689	532	10	536	19	526	61	536.0	19.0	-0.8
14KRD357_77	303	0.987	0.712	0.017	0.0872	0.0026	0.67371	545	10	539	15	533	46	539.0	15.0	1.1
14KRD357_102	357	2.99	0.7627	0.0089	0.0937	0.001	0.37081	576.1	5	578.3	6	562	31	578.3	6.0	-0.4
14KRD357_78	376	1.118	0.798	0.04	0.0967	0.0044	0.16984	595	23	595	26	590	130	595.0	26.0	0.0
14KRD357_36	325	3.25	0.802	0.024	0.0992	0.0033	0.28562	596	13	609	20	557	65	609.0	20.0	-2.2
14KRD357_95	518	1.614	0.847	0.013	0.1023	0.0017	0.59161	623.4	7.2	627	10	621	35	627.0	10.0	-0.6
14KRD357_20	605	2.05	0.879	0.016	0.1042	0.002	0.53754	639.9	8.8	639	12	638	39	639.0	12.0	0.1
14KRD357_27	419	3.75	1.006	0.023	0.1136	0.0023	0.5887	706	12	694	13	735	38	694.0	13.0	1.7
14KRD357_75	178	2.733	1.244	0.026	0.1276	0.0024	0.68698	820	12	774	13	944	31	774.0	13.0	5.6
14KRD357_112	174	1.42	1.346	0.031	0.1431	0.0033	0.62785	867	13	862	18	893	43	862.0	18.0	0.6
14KRD357_46	472	1.001	1.459	0.039	0.1475	0.0052	0.75844	912	16	886	29	975	51	886.0	29.0	2.9
14KRD357_11	444	3.63	1.471	0.016	0.1534	0.0016	0.74437	918.3	6.4	919.8	8.8	915	19	919.8	8.8	-0.2
14KRD357_6	834	1.637	1.71	0.033	0.1706	0.0031	0.55216	1011	12	1015	17	999	35	999.0	35.0	-1.6
14KRD357_119	201	0.57	1.81	0.23	0.178	0.017	0.99064	1048	83	1055	95	1048	65	1048.0	65.0	-0.7
14KRD357_63	105.2	0.922	3.124	0.088	0.2504	0.0088	0.62972	1437	22	1439	45	1425	48	1425.0	48.0	-1.0
14KRD357_38	146.7	0.578	4.071	0.05	0.2922	0.0032	0.081374	1648	10	1652	16	1647	22	1647.0	22.0	-0.3
14KRD357_70	197	1.603	3.99	0.14	0.261	0.011	0.77932	1632	29	1489	54	1801	48	1801.0	48.0	17.3
14KRD357_113	17.96	1.207	4.56	0.17	0.301	0.01	0.6588	1743	31	1695	50	1814	55	1814.0	55.0	6.6
14KRD357_31	252.4	1.568	5.354	0.07	0.3374	0.0065	0.50708	1877	11	1873	31	1873	31	1873.0	31.0	0.0
14KRD357_67	1238	16.98	6.06	0.11	0.3469	0.0077	0.80451	1983	16	1919	37	2046	27	2046.0	27.0	6.2
14KRD357_92	340	1.66	7.33	0.13	0.3964	0.0094	0.59911	2151	16	2152	43	2154	36	2154.0	36.0	0.1
14KRD357_96	185.9	0.496	10.14	0.28	0.447	0.013	0.9013	2447	26	2381	57	2515	17	2515.0	17.0	5.3

								207/235		206/238		207/206		Best age		
Grain #	[U] ppm	U/Th	207/235	2σ error	206/238	2σ error	RHO	Age Ma	2σ error	Age (Ma)	2σ error	Age (Ma)	2σ error	(Ma)	2σ error	% Disc.
QZ17S1_8	443	0.951	0.0402	0.0026	0.00576	0.00014	0.048943	40	2.5	37.04	0.91	200	130	37.0	0.9	7.4
QZ17S1_96	223.7	1.914	0.0447	0.0037	0.00592	0.00014	0.017571	44.3	3.6	38.05	0.92	330	160	38.1	0.9	14.1
QZ17S1_42	601	0.717	0.0388	0.0034	0.00604	0.0002	0.1316	38.6	3.4	38.8	1.3	50	170	38.8	1.3	0.5
QZ17S1_3	147.4	0.776	0.0438	0.004	0.00607	0.00016	0.16252	43.3	3.8	39.02	0.99	200	150	39.0	1.0	9.9
QZ17S1_77	140	0.835	0.0428	0.0035	0.00614	0.00015	0.10156	42.8	3.5	39.47	0.96	160	150	39.5	1.0	7.8
QZ17S1_79	132	0.7529	0.0492	0.005	0.00615	0.00022	0.13764	48.5	4.8	39.5	1.4	450	220	39.5	1.4	18.6
QZ17S1_15	508	1.052	0.0438	0.0027	0.00615	0.00012	0.11625	43.4	2.6	39.53	0.77	230	110	39.5	0.8	8.9
QZ17S1_49	199.1	0.5975	0.0417	0.0034	0.00622	0.00017	0.14375	41.4	3.3	40	1.1	120	150	40.0	1.1	3.4
QZ17S1_39	286	0.928	0.0403	0.0026	0.00625	0.00011	0.057587	40	2.5	40.15	0.72	40	110	40.2	0.7	0.4
QZ17S1_66	228.6	0.7349	0.0412	0.0038	0.00636	0.00018	0.3763	40.9	3.7	40.9	1.1	40	150	40.9	1.1	0.0
QZ17S1_7	299	0.819	0.0479	0.0026	0.00662	0.00013	0.18951	47.4	2.5	42.51	0.82	280	110	42.5	0.8	10.3
QZ17S1_5	365.6	0.641	0.0417	0.0029	0.00669	0.00018	0.078046	41.5	2.8	43	1.1	20	140	43.0	1.1	3.6
QZ17S1_116	423	1.298	0.0457	0.0021	0.006769	0.000096	0.047027	45.3	2.1	43.49	0.62	142	94	43.5	0.6	4.0
QZ17S1_89	172.1	0.848	0.0468	0.004	0.00689	0.00021	0.058157	47.1	4.1	44.3	1.3	200	170	44.3	1.3	5.9
QZ17S1_72	353.8	0.5631	0.0502	0.002	0.007625	0.000097	0.13225	49.7	2	48.97	0.62	96	78	49.0	0.6	1.5
QZ17S1_111	166.7	0.808	0.053	0.0067	0.00795	0.00025	0.13876	52.2	6.4	51.1	1.6	90	220	51.1	1.6	2.1
QZ17S1_107	444	0.565	0.0635	0.0041	0.00815	0.00018	0.018471	62.4	3.9	52.3	1.2	420	140	52.3	1.2	16.2
QZ17S1_119	765	0.5821	0.055	0.0025	0.00818	0.00011	0.010261	54.3	2.4	52.51	0.69	160	100	52.5	0.7	3.3
QZ17S1_23	705	0.725	0.0549	0.0016	0.00834	0.0001	0.21732	54.2	1.6	53.51	0.64	109	60	53.5	0.6	1.3
QZ17S1_70	366	1.21	0.0558	0.0023	0.00839	0.00013	0.22979	55.1	2.2	53.83	0.82	114	80	53.8	0.8	2.3
QZ17S1_58	505	1.062	0.0585	0.0032	0.00861	0.00021	0.26998	57.7	3	55.3	1.4	160	110	55.3	1.4	4.2
QZ17S1_115	645	0.922	0.0573	0.0022	0.00864	0.00012	0.032052	56.5	2.1	55.47	0.76	120	78	55.5	0.8	1.8
QZ17S1_110	124	0.767	0.06	0.004	0.00869	0.00021	0.039748	58.9	3.8	55.8	1.3	200	130	55.8	1.3	5.3
QZ17S1_24	448.8	7.8	0.0597	0.0049	0.00882	0.00021	0.24652	58.8	4.6	56.6	1.3	140	170	56.6	1.3	3.7
QZ17S1_34	357.2	0.84	0.058	0.003	0.00882	0.00017	0.19382	57.2	2.8	56.6	1.1	87	97	56.6	1.1	1.0
QZ17S1_45	192.6	0.764	0.069	0.0056	0.00895	0.00026	0.16497	67.5	5.3	57.4	1.6	370	160	57.4	1.6	15.0
QZ17S1_31	247	1.189	0.0619	0.0034	0.00935	0.00016	0.10582	60.8	3.2	60	0.99	91	98	60.0	1.0	1.3
QZ17S1_47	299	0.6118	0.0635	0.0036	0.00956	0.00016	0.0091759	62.3	3.4	61.4	1	100	110	61.4	1.0	1.4
QZ17S1_91	223	0.994	0.0719	0.0038	0.01032	0.00022	0.026196	70.3	3.6	66.2	1.4	230	110	66.2	1.4	5.8
QZ17S1_50	97.4	1.189	0.0713	0.0076	0.01036	0.00033	0.094123	70.6	7.5	66.5	2.1	150	190	66.5	2.1	5.8
QZ17S1_87	140.9	1.065	0.0673	0.0079	0.01043	0.00039	0.12043	65.8	7.5	66.9	2.5	50	210	66.9	2.5	1.7
QZ17S1_65	55.3	0.87	0.075	0.014	0.01051	0.0005	0.003005	73	13	67.4	3.2	290	390	67.4	3.2	7.7
QZ17S1_92	95.7	1.24	0.0681	0.0067	0.01067	0.00039	0.13656	66.5	6.3	68.4	2.5	60	170	68.4	2.5	2.9
QZ17S1_46	223	1.422	0.072	0.0033	0.01081	0.00017	0.19017	70.4	3.2	69.3	1.1	123	88	69.3	1.1	1.6
QZ17S1_51	121.3	0.852	0.0754	0.0054	0.01088	0.00025	0.056164	73.3	5	69.7	1.6	170	130	69.7	1.6	4.9
QZ17S1_94	178	1.128	0.0758	0.0052	0.01092	0.00025	0.16013	74	4.9	70	1.6	180	130	70.0	1.6	5.4
QZ17S1_14	53.22	0.999	0.0922	0.0083	0.01134	0.00036	0.13497	88.8	7.7	72.7	2.3	490	190	72.7	2.3	18.1
QZ17S1_40	264.1	0.896	0.0761	0.0044	0.01136	0.0002	0.084539	74.3	4.1	72.8	1.3	120	120	72.8	1.3	2.0

QZ17S1_56	357	0.7309	0.109	0.0062	0.01572	0.00032	0.0066039	104.8	5.6	100.5	2	220	120	100.5	2.0	4.1
QZ17S1_16	177.7	0.987	0.1068	0.0057	0.01588	0.00028	0.10461	102.7	5.2	101.5	1.8	120	100	101.5	1.8	1.2
QZ17S1_113	665.4	0.81	0.1072	0.0022	0.01609	0.00016	0.25078	103.4	2.1	102.9	1	136	45	102.9	1.0	0.5
QZ17S1_62	554	0.901	0.1155	0.0041	0.01658	0.00022	0.31441	110.9	3.8	106	1.4	200	68	106.0	1.4	4.4
QZ17S1_25	946	0.752	0.1117	0.0024	0.01673	0.00015	0.2552	107.4	2.2	106.98	0.95	124	43	107.0	1.0	0.4
QZ17S1_53	260	0.929	0.1135	0.0051	0.01675	0.00025	0.13558	108.9	4.7	107.1	1.6	159	91	107.1	1.6	1.7
QZ17S1_17	180	1.084	0.1221	0.0081	0.01731	0.00047	0.16088	116.6	7.4	110.6	3	240	130	110.6	3.0	5.1
QZ17S1_4	261	0.768	0.2851	0.009	0.03959	0.00044	0.25838	253.9	7	250.3	2.7	285	65	250.3	2.7	1.4
QZ17S1_61	71.5	0.719	0.345	0.016	0.04748	0.0008	0.22522	299	12	299	4.9	298	95	299.0	4.9	0.0
QZ17S1_54	457.2	0.997	0.3517	0.0082	0.04777	0.00042	0.14779	305.6	6.2	300.8	2.6	329	52	300.8	2.6	1.6
QZ17S1_2	336	2.009	0.3516	0.0062	0.04793	0.00039	0.14891	305.5	4.7	301.8	2.4	325	40	301.8	2.4	1.2
QZ17S1_20	174.6	1.773	0.355	0.011	0.04834	0.00068	0.11989	307.7	8.3	304.3	4.2	325	70	304.3	4.2	1.1
QZ17S1_37	564	1.42	0.3587	0.0078	0.04902	0.00084	0.47566	311.8	5.6	308.5	5.2	329	46	308.5	5.2	1.1
QZ17S1_18	364.7	1.804	0.3676	0.0097	0.04967	0.00061	0.10018	317.5	7.2	312.5	3.7	345	67	312.5	3.7	1.6
QZ17S1_106	134.5	1.124	0.38	0.013	0.05077	0.00065	0.0015054	326	9.3	319.2	4	366	76	319.2	4.0	2.1
QZ17S1_36	540	1.188	0.4355	0.0072	0.05796	0.0005	0.35323	366.6	5	363.2	3	372	35	363.2	3.0	0.9
QZ17S1_11	332	1.312	0.4405	0.0093	0.05925	0.00055	0.18864	371.2	6.8	371	3.3	363	50	371.0	3.3	0.1
QZ17S1_27	179.4	1.284	0.541	0.013	0.06985	0.00063	0.070464	437.7	8.4	435.2	3.8	425	52	435.2	3.8	0.6
QZ17S1_64	102.2	1.94	0.71	0.045	0.084	0.0015	0.11108	543	27	519.9	9	620	150	519.9	9.0	4.3
QZ17S1_112	49.6	0.478	0.688	0.021	0.0851	0.0014	0.17433	528	13	526	8	527	71	526.0	8.0	0.4
QZ17S1_105	394	1.887	0.695	0.0085	0.08607	0.00077	0.4088	535.3	5.1	532.2	4.6	547	26	532.2	4.6	0.6
QZ17S1_41	284	2.292	0.72	0.023	0.0873	0.0013	0.34036	550	13	539.3	7.9	580	68	539.3	7.9	1.9
QZ17S1_103	384	0.462	0.729	0.036	0.0882	0.0018	0.51598	555	21	545	11	589	89	545.0	11.0	1.8
QZ17S1_73	410	3.51	0.771	0.021	0.0902	0.0017	0.28611	580	12	556.9	9.8	663	62	556.9	9.8	4.0
QZ17S1_120	827	4.86	0.736	0.015	0.0906	0.0014	0.65368	559.6	8.5	558.8	8.5	556	36	558.8	8.5	0.1
QZ17S1_83	207.8	2.841	0.767	0.027	0.09122	0.00079	0.795	570.4	9.8	562.7	4.7	589	44	562.7	4.7	1.3
QZ17S1_114	261	0.626	0.785	0.012	0.09537	0.00095	0.47877	587.3	6.6	587.1	5.6	600	29	587.1	5.6	0.0
QZ17S1_117	125.7	0.829	0.782	0.026	0.0958	0.0014	0.26505	585	15	589.4	8.5	582	72	589.4	8.5	0.8
QZ17S1_80	224.9	2.95	0.842	0.029	0.0963	0.0021	0.572	619	16	592	13	711	60	592.0	13.0	4.4
QZ17S1_71	92.6	0.684	0.791	0.021	0.0962	0.0011	0.49539	590	12	592.2	6.7	566	59	592.2	6.7	0.4
QZ17S1_6	272.3	1.102	0.801	0.015	0.09708	0.00095	0.23754	596.4	8.5	597.2	5.6	585	42	597.2	5.6	0.1
QZ17S1_82	128.5	1.28	0.812	0.016	0.09821	0.00086	0.19978	602.2	8.7	603.8	5.1	585	42	603.8	5.1	0.3
QZ17S1_35	867	5.451	0.8054	0.0072	0.09821	0.0005	0.22759	599.6	4	603.9	3	581	19	603.9	3.0	0.7
QZ17S1_78	516	0.963	0.829	0.044	0.0997	0.003	0.12419	613	24	613	18	608	92	613.0	18.0	0.0
QZ17S1_43	328.5	1.116	0.844	0.012	0.10002	0.00094	0.35494	620.8	6.4	614.4	5.5	643	28	614.4	5.5	1.0
QZ17S1_21	806	19.28	0.8491	0.0088	0.09996	0.00081	0.46234	623.7	4.9	614.7	4.9	653	21	614.7	4.9	1.4
QZ17S1_55	1476	2.62	0.8555	0.0058	0.10225	0.00055	0.40153	627.5	3.2	627.9	3.1	624	15	627.9	3.1	0.1
QZ17S1_109	633	3.923	0.862	0.011	0.1026	0.001	0.58451	630.8	6.2	629.7	6	636	23	629.7	6.0	0.2
QZ17S1_68	62.1	1.124	0.866	0.064	0.1028	0.0024	0.16201	630	35	631	14	600	160	631.0	14.0	0.2
QZ17S1_86	145.7	1.427	0.968	0.021	0.1089	0.0013	0.19	686	11	666.1	7.3	744	48	666.1	7.3	2.9
QZ17S1_88	535	17.9	0.965	0.046	0.1105	0.0046	0.79994	685	24	675	27	713	70	675.0	27.0	1.5
QZ17S1_93	317.1	2.259	1.039	0.017	0.1162	0.001	0.28694	722.8	8.4	708.8	5.8	763	34	708.8	5.8	1.9
QZ17S1_57	973	4.047	1.07	0.023	0.1196	0.0025	0.48341	739	11	728	14	766	50	728.0	14.0	1.5
QZ17S1_60	606	1.033	1.075	0.015	0.11972	0.00097	0.58915	740.6	7.2	728.9	5.6	769	23	728.9	5.6	1.6
QZ17S1_102	134.7	0.385	1.142	0.038	0.1269	0.0017	0.085472	772	18	770.3	9.8	771	73	770.3	9.8	0.2
QZ17S1_9	105	0.824	1.175	0.036	0.1296	0.002	0.42905	787	17	786	12	786	58	786.0	12.0	0.1
QZ17S1_22	194.1	1.014	1.212	0.022	0.131	0.0013	0.26907	806.7	9.7	793.6	7.3	837	36	793.6	7.3	1.6
QZ17S1_33	173.1	0.855	1.277	0.024	0.1317	0.0012	0.29376	834	11	797.5	7	926	38	797.5	7.0	4.4
QZ17S1_10	504	0.6073	1.341	0.036	0.136	0.0021	0.60693	863	16	822	12	971	43	822.0	12.0	4.8
QZ17S1_28	318	2.72	1.297	0.029	0.1393	0.0024	0.83496	841	13	840	13	845	24	840.0	13.0	0.1
QZ17S1_74	608	1.047	1.358	0.013	0.14267	0.00097	0.67452	870.7	5.4	859.7	5.5	892	20	859.7	5.5	1.3
QZ17S1_29	1017	7.63	1.899	0.049	0.145	0.002	0.6359	1080	17	873	11	1521	39	873.0	11.0	19.2
QZ17S1_52	289	1.039	1.406	0.025	0.1451	0.0016	0.46627	891	10	873.1	9	927	32	873.1	9.0	2.0
QZ17S1_1	206.8	1.495	1.55	0.03	0.1545	0.0018	0.11948	950	12	926	10	1004	43	926.0	10.0	2.5
QZ17S1_19	110.2	1.222	1.536	0.046	0.1573	0.0023	0.053879	944	18	942	13	944	70	942.0	13.0	0.2
QZ17S1_98	730	1.161	1.632	0.022	0.1639	0.0022	0.58726	982.3	8.6	978	12	994	25	994.0	25.0	1.6
QZ17S1_12	525.7	3.509	1.666	0.021	0.1656	0.0016	0.46695	995	8.1	987.7	8.8	1015	25	1015.0	25.0	2.7
QZ17S1_26	253.1	0.2891	1.64	0.039	0.1598	0.0015	0.33055	984	15	955.7	8.5	1048	44	1048.0	44.0	8.8
QZ17S1_44	91.3	1.567	1.926	0.043	0.1844	0.0026	0.30892	1088	15	1091	14	1080	45	1080.0	45.0	1.0
QZ17S1_59	119.6	3.83	1.878	0.085	0.1789	0.0046	0.38933	1071	30	1061	25	1088	86	1088.0	86.0	2.5
QZ17S1_13	348.7	2.493	1.674	0.027	0.1599	0.002	0.44085	998	10	956	11	1089	31	1089.0	31.0	12.2
QZ17S1_75	163.3	0.911	2.193	0.037	0.1953	0.0023	0.32737	1180	11	1150	13	1224	35	1224.0	35.0	6.0
QZ17S1_67	500	1.763	2.91	0.13	0.2288	0.0073	0.93554	1382	33	1327	38	1464	34	1464.0	34.0	9.4
QZ17S1_108	937	33	4.747	0.085	0.3174	0.0045	0.96166	1774	16	1777	22	1770	16	1770.0	16.0	0.4
QZ17S1_76	412	2.882	5.187	0.059	0.3305	0.0033	0.61047	1851.8	9.1	1840	16	1860	16	1860.0	16.0	1.1
QZ17S1_101	398	6.18	5.893	0.046	0.3753	0.0025	0.60099	1959.4	6.8	2054	12	1862	11	1862.0	11.0	10.3
QZ17S1_48	466	10.7	5.637	0.041	0.3578	0.0019	0.52167	1921.1	6.3	1971.6	9.2	1865	11	1865.0	11.0	5.7
QZ17S1_32	188.8	0.6342	4.776	0.048	0.3016	0.002	0.65543	1779.3	8.5	1699	10	1872	14	1872.0	14.0	9.2
QZ17S1_84	376.9	1.212	3.88	0.11	0.2403	0.0057	0.70014	1610	22	1388	30	1911	41	1911.0	41.0	27.4
QZ17S1_85	132.5	0.701	5.042	0.085	0.3081	0.0044	0.50081	1825	14	1731	21	1933	27	1933.0	27.0	10.5
QZ17S1_99	219	0.975	5.832	0.082	0.3535	0.0046	0.85198	1949	12	1950	22	1947	15	1947.0	15.0	0.2
QZ17S1_81	354.7	0.883	6.234	0.094	0.3546	0.0047	0.9387	2008	13	1958	22	2058	11	2058.0	11.0	4.9
QZ17S1_30	189.7	0.66	10.001	0.074	0.455	0.0029	0.82155	2434	6.9	2417	13	2443	10	2443.0	10.0	1.1
QZ17S1_95	662	1.784	10.2	0.11	0.432	0.0044	0.88433	2451	10	2313	20	2568.6	8.6	2568.6	8.6	10.0
QZ17S1_63	97.2	1.573	11.45	0.25	0.4699	0.0079	0.91597	2558	20	2480	34	2621	16	2621.0	16.0	5.4
QZ17S1_100	425	0.973	10.41	0.26	0.3772	0.0075	0.79336	2471	23	2063	35	2827	26	2827.0	26.0	27.0

								207/235		206/238		207/206		Best age		
Grain #	[U] ppm	U/Th	207/235	2σ error	206/238	2σ error	RHO	Age Ma	2σ error	Age (Ma)	2σ error	Age (Ma)	2σ error	(Ma)	2σ error	% Disc.
MT17M3_14	646	0.874	0.0391	0.0019	0.0059	0.00012	0.047897	39.3	2	37.89	0.77	150	100	37.9	0.8	3.6
MT17M3_70	369.2	0.66	0.0432	0.0025	0.00626	0.00012	0.014368	42.8	2.4	40.23	0.8	200	120	40.2	0.8	6.0
MT17M3_5	110.2	0.868	0.0516	0.0064	0.00653	0.0002	0.42963	50.4	6	41.9	1.3	350	210	41.9	1.3	16.9
MT17M3_32	312	1.189	0.0431	0.0026	0.00657	0.00014	0.09343	42.7	2.5	42.23	0.91	110	110	42.2	0.9	1.1
MT17M3_103	287	0.964	0.043	0.0031	0.00676	0.00015	0.038068	42.6	3	43.42	0.96	40	130	43.4	1.0	1.9
MT17M3_68	138.4	1.153	0.0461	0.0071	0.00685	0.00026	0.18672	45.4	6.8	44	1.7	60	250	44.0	1.7	3.1
MT17M3_13	216	1.029	0.0446	0.0029	0.00695	0.00016	0.11778	44.1	2.8	44.7	1	70	120	44.7	1.0	1.4
MT17M3_61	200.2	0.74	0.0489	0.0048	0.007	0.00022	0.12073	48.3	4.6	44.9	1.4	160	190	44.9	1.4	7.0
MT17M3_64	150.7	0.93	0.0479	0.0055	0.00701	0.00031	0.16498	47.3	5.3	45	2	230	250	45.0	2.0	4.9
MT17M3_36	167	1.099	0.0514	0.0042	0.00702	0.00018	0.039155	51.1	4.1	45.1	1.2	310	160	45.1	1.2	11.7
MT17M3_110	233.4	0.774	0.05	0.0049	0.00709	0.00026	0.04851	50.4	5.1	45.6	1.7	250	190	45.6	1.7	9.5
MT17M3_109	500	1.11	0.0485	0.003	0.00715	0.00014	0.11003	48	2.9	45.9	0.89	170	130	45.9	0.9	4.4
MT17M3_94	319	0.612	0.0576	0.0066	0.0076	0.0002	0.35275	56.4	6.2	48.8	1.3	290	180	48.8	1.3	13.5
MT17M3_92	473	1.025	0.0565	0.0031	0.00822	0.00021	0.026541	55.7	3	52.8	1.3	190	120	52.8	1.3	5.2
MT17M3_22	446.1	1.28	0.0596	0.0026	0.00872	0.00012	0.027461	58.7	2.5	55.98	0.78	172	89	56.0	0.8	4.6
MT17M3_30	218	0.763	0.0583	0.0034	0.00922	0.0002	0.079756	57.4	3.2	59.2	1.3	60	110	59.2	1.3	3.1
MT17M3_12	369.9	1.2368	0.0628	0.0023	0.00931	0.00013	0.090763	61.7	2.2	59.74	0.86	150	74	59.7	0.9	3.2
MT17M3_117	30.4	1.02	0.077	0.021	0.0099	0.0011	0.41744	74	19	63.5	6.9	190	400	63.5	6.9	14.2
MT17M3_63	141.9	1.264	0.0852	0.0054	0.01116	0.00023	0.12981	83.2	5.2	71.6	1.5	350	130	71.6	1.5	13.9
MT17M3_10	123.7	1.33	0.0789	0.0056	0.0112	0.00026	0.094824	77.3	5.4	71.8	1.7	250	140	71.8	1.7	7.1
MT17M3_6	159	0.889	0.0744	0.0056	0.01123	0.00026	0.26161	73.3	5.5	72	1.7	130	140	72.0	1.7	1.8
MT17M3_67	74.5	2	0.0669	0.0092	0.01129	0.00042	0.042666	64.7	8.7	72.3	2.7	-160	200	72.3	2.7	11.7
MT17M3_96	79.3	1.226	0.084	0.012	0.01129	0.00056	0.08007	81	11	72.4	3.6	300	260	72.4	3.6	10.6
MT17M3_28	133.2	1.568	0.0787	0.0052	0.01145	0.00024	0.085687	76.5	4.9	73.4	1.5	160	120	73.4	1.5	4.1
MT17M3_54	45.8	0.683	0.0875	0.0092	0.0115	0.00042	0.050929	83.9	8.4	73.7	2.7	290	200	73.7	2.7	12.2
MT17M3_39	111.3	1.223	0.0786	0.0053	0.01159	0.00027	0.1001	76.4	4.9	74.3	1.8	170	130	74.3	1.8	2.7
MT17M3_37	130.8	1.117	0.0885	0.0054	0.01193	0.00026	0.12524	85.7	5	76.5	1.6	320	120	76.5	1.6	10.7
MT17M3_100	101	1.325	0.0801	0.0064	0.01223	0.00035	0.043635	77.6	6	78.3	2.2	90	140	78.3	2.2	0.9
MT17M3_55	47	1.202	0.0834	0.0091	0.01239	0.00045	0.091837	80	8.4	79.4	2.9	90	180	79.4	2.9	0.7
MT17M3_111	138.3	1.091	0.0823	0.0062	0.01255	0.00031	0.18379	79.9	5.8	80.4	2	80	140	80.4	2.0	0.6
MT17M3_23	67.6	1.354	0.0906	0.008	0.01276	0.00036	0.074015	87	7.4	81.7	2.3	180	160	81.7	2.3	6.1
MT17M3_20	327	1.177	0.0931	0.005	0.01289	0.00027	0.26909	90	4.7	82.6	1.7	252	98	82.6	1.7	8.2
MT17M3_60	627	0.943	0.1104	0.0032	0.0164	0.00017	0.14899	106.2	2.9	104.9	1.1	119	58	104.9	1.1	1.2
MT17M3_44	205	1.393	0.116	0.0069	0.01658	0.00028	0.012388	111	6.3	106	1.8	220	120	106.0	1.8	4.5
MT17M3_120	340	2.107	0.1186	0.0049	0.01694	0.00025	0.12943	113.4	4.4	108.3	1.6	202	82	108.3	1.6	4.5
MT17M3_102	172.6	1.429	0.1332	0.0088	0.01749	0.00038	0.036649	126.4	7.9	111.8	2.4	370	140	111.8	2.4	11.6
MT17M3_105	1215	1.379	0.1285	0.0058	0.01762	0.00021	0.47615	122.5	5.2	112.6	1.3	315	89	112.6	1.3	8.1
MT17M3_53	153.1	1.094	0.1217	0.0066	0.01767	0.00034	0.037033	116	5.9	112.9	2.2	170	110	112.9	2.2	2.7
MT17M3_81	128.9	1.213	0.12	0.01	0.01769	0.00043	0.006269	114.6	9.1	113	2.7	160	160	113.0	2.7	1.4
MT17M3_56	117.2	1.092	0.1366	0.0074	0.0183	0.00034	0.033587	129.2	6.6	116.9	2.1	320	110	116.9	2.1	9.5
MT17M3_43	1190	1.937	0.1299	0.0039	0.01944	0.00026	0.44276	123.8	3.5	124.1	1.6	138	54	124.1	1.6	0.2
MT17M3_33	250	2.07	0.1375	0.0048	0.02046	0.00029	0.11715	130.5	4.3	130.5	1.8	171	73	130.5	1.8	0.0
MT17M3_115	564	1.728	0.3	0.013	0.0422	0.0012	0.16089	266	10	266.4	7.3	266	99	266.4	7.3	0.2

MT17M3_17	447	1.753	0.3491	0.0062	0.04764	0.00044	0.14896	303.6	4.7	300	2.7	330	41	300.0	2.7	1.2
MT17M3_119	54.4	2.96	0.348	0.017	0.04829	0.0009	0.063763	300	12	303.9	5.5	270	100	303.9	5.5	1.3
MT17M3_25	2305	64.5	0.4179	0.0072	0.05219	0.00079	0.7996	354.2	5.2	327.9	4.9	544	23	327.9	4.9	7.4
MT17M3_48	214.4	1.364	0.442	0.012	0.05922	0.00074	0.016373	370.9	8.5	370.9	4.5	362	64	370.9	4.5	0.0
MT17M3_116	292	8.36	0.499	0.013	0.06488	0.00077	0.49284	409.3	8.8	405.2	4.7	420	51	405.2	4.7	1.0
MT17M3_73	145.6	1.569	0.566	0.026	0.0721	0.0016	0.41125	454	17	448.9	9.9	470	90	448.9	9.9	1.1
MT17M3_95	486	1.68	0.6166	0.0094	0.07808	0.00054	0.25722	487.8	6	484.6	3.2	493	34	484.6	3.2	0.7
MT17M3_90	78.2	1.095	0.618	0.023	0.079	0.0012	0.040269	486	14	490	7.4	457	84	490.0	7.4	0.8
MT17M3_85	167.3	7.76	0.677	0.037	0.0837	0.0023	0.48443	523	22	518	14	530	100	518.0	14.0	1.0
MT17M3_50	375	1.907	0.686	0.011	0.08431	0.00064	0.24805	529.9	6.7	521.8	3.8	554	35	521.8	3.8	1.5
MT17M3_106	659	1.798	0.709	0.018	0.0865	0.0014	0.52763	544	11	534.7	8.1	578	47	534.7	8.1	1.7
MT17M3_2	332	3.76	0.7156	0.0096	0.08793	0.00066	0.32746	547.4	5.7	543.3	3.9	578	27	543.3	3.9	0.7
MT17M3_76	389.9	4.18	0.709	0.018	0.0882	0.0012	0.35339	543	11	544.6	7.3	543	52	544.6	7.3	0.3
MT17M3_91	191.6	4.36	0.749	0.018	0.0896	0.0011	0.40052	568	11	552.9	6.7	608	55	552.9	6.7	2.7
MT17M3_18	148	0.689	0.751	0.018	0.0909	0.0011	0.20589	567	10	560.4	6.6	587	49	560.4	6.6	1.2
MT17M3_72	305	5.17	0.751	0.019	0.09231	0.00093	0.33827	570	10	569.1	5.5	563	55	569.1	5.5	0.2
MT17M3_97	526	1.452	0.7688	0.0098	0.09487	0.0007	0.35664	579.2	5.8	584.2	4.1	556	27	584.2	4.1	0.9
MT17M3_66	147.8	0.6754	0.816	0.023	0.0964	0.0012	0.29468	607	13	593.5	7.3	638	59	593.5	7.3	2.2
MT17M3_74	247.9	0.985	0.813	0.013	0.0969	0.00073	0.097191	603.3	7.3	596.2	4.3	625	38	596.2	4.3	1.2
MT17M3_3	295	1.236	0.816	0.03	0.0987	0.0027	0.88797	610	16	606	16	687	45	606.0	16.0	0.7
MT17M3_104	327.1	4.76	0.849	0.013	0.10116	0.00074	0.026873	623.5	7.1	621.2	4.3	622	37	621.2	4.3	0.4
MT17M3_79	206.9	1.774	0.843	0.027	0.1013	0.0019	0.081044	620	15	622	11	604	77	622.0	11.0	0.3
MT17M3_108	381	6.48	0.858	0.03	0.1015	0.0022	0.73306	627	16	623	13	633	50	623.0	13.0	0.6
MT17M3_45	79.4	1.215	0.908	0.033	0.1092	0.0016	0.29136	653	17	668.2	9.3	612	75	668.2	9.3	2.3
MT17M3_113	214	-3	0.943	0.022	0.1104	0.0014	0.32706	673	11	674.8	8.4	658	48	674.8	8.4	0.3
MT17M3_35	412	1.031	0.974	0.016	0.11169	0.00094	0.05719	689.6	8.5	682.5	5.5	727	40	682.5	5.5	1.0
MT17M3_15	352	3.01	0.984	0.013	0.11381	0.0009	0.28764	695.5	6.3	694.7	5.2	706	27	694.7	5.2	0.1
MT17M3_26	233	2.72	1.034	0.039	0.1187	0.0031	0.68403	724	21	723	18	730	62	723.0	18.0	0.1
MT17M3_11	45.5	0.623	1.077	0.046	0.1202	0.0025	0.20037	738	23	731	15	740	94	731.0	15.0	0.9
MT17M3_82	289	2.095	1.097	0.018	0.1213	0.001	0.49494	750.5	8.9	738.2	5.9	787	31	738.2	5.9	1.6
MT17M3_88	110.8	3.42	1.101	0.049	0.1226	0.0032	0.16958	752	24	746	18	760	100	746.0	18.0	0.8
MT17M3_114	316	5.9	1.016	0.017	0.1229	0.0014	0.60323	711	8.5	747	8	603	28	747.0	8.0	5.1
MT17M3_78	77	1.204	1.146	0.05	0.1253	0.0028	0.23706	772	24	761	16	788	93	761.0	16.0	1.4
MT17M3_42	550	2.302	1.152	0.032	0.1284	0.0026	0.83049	776	15	778	15	776	33	778.0	15.0	0.3
MT17M3_51	588	1.215	1.217	0.013	0.13007	0.00089	0.45316	808.2	6	788.2	5.1	853	21	788.2	5.1	2.5
MT17M3_58	316	2.135	1.224	0.019	0.1327	0.001	0.28822	810.8	8.5	803.2	5.9	815	32	803.2	5.9	0.9
MT17M3_19	215	0.599	1.228	0.017	0.13336	0.00097	0.14049	812.2	7.6	806.9	5.5	829	28	806.9	5.5	0.7
MT17M3_49	62.3	0.945	1.197	0.03	0.1335	0.0019	0.24905	796	14	807	11	751	53	807.0	11.0	1.4
MT17M3_84	306.4	2.135	1.221	0.024	0.134	0.0023	0.85041	809	11	811	13	797	28	811.0	13.0	0.2
MT17M3_93	315.5	3.082	1.348	0.02	0.1393	0.0011	0.35324	865.8	8.6	840.9	6	931	29	840.9	6.0	2.9
MT17M3_107	184.9	2.2	1.58	0.031	0.1685	0.0021	0.33633	961	12	1004	12	861	43	861.0	12.0	4.5
MT17M3_31	70	1.386	1.357	0.029	0.144	0.0019	0.57722	869	13	867	11	884	44	867.0	11.0	0.2
MT17M3_40	380	2.609	1.388	0.024	0.1469	0.002	0.71075	883	10	884	11	903	25	884.0	11.0	0.1
MT17M3_118	34.1	3.69	1.55	0.076	0.1496	0.004	0.33148	947	31	898	23	1039	97	898.0	23.0	5.2
MT17M3_62	357	1.343	1.69	0.02	0.1669	0.0014	0.28998	1004.2	7.5	994.8	8	1008	25	1008.0	25.0	1.3
MT17M3_65	175.2	0.611	1.778	0.03	0.1738	0.0022	0.16576	1036	11	1033	12	1025	40	1025.0	40.0	0.8
MT17M3_52	720	2.233	5.045	0.033	0.3261	0.0018	0.82101	1826.3	5.6	1819.2	8.6	1827.4	9.4	1827.4	9.4	0.4
MT17M3_46	922	15.09	5.064	0.052	0.3277	0.0036	0.80644	1829.4	8.8	1827	18	1832	12	1832.0	12.0	0.3
MT17M3_59	88.3	1.416	5.278	0.075	0.3351	0.0036	0.40439	1864	12	1863	18	1844	25	1844.0	25.0	1.0
MT17M3_4	534	8.9	5.137	0.036	0.3292	0.0024	0.6942	1841.6	6	1834	12	1853	10	1853.0	10.0	1.0
MT17M3_57	272	1.905	5.23	0.041	0.3298	0.0022	0.25674	1856.7	6.7	1837	10	1864	13	1864.0	13.0	1.4
MT17M3_77	489	6.78	5.285	0.043	0.3365	0.0025	0.75448	1865.6	7	1869	12	1865	10	1865.0	10.0	0.2
MT17M3_1	118.5	10.2	5.272	0.053	0.3335	0.0023	0.37954	1863	8.6	1855	11	1869	18	1869.0	18.0	0.7
MT17M3_80	55.1	0.769	5.28	0.16	0.3353	0.0093	0.68799	1861	26	1862	45	1872	41	1872.0	41.0	0.5
MT17M3_16	690	3.79	5.266	0.036	0.3241	0.0022	0.65782	1863.8	5.7	1809	11	1929	10	1929.0	10.0	6.2
MT17M3_83	438	5.71	6.07	0.15	0.3631	0.0048	0.75981	1983	22	1996	23	1967	30	1967.0	30.0	1.5
MT17M3_7	1077	2.1	5.27	0.049	0.307	0.0024	0.62673	1863.6	8	1726	12	2025	13	2025.0	13.0	14.8
MT17M3_98	1304	2.291	6.623	0.067	0.3754	0.0036	0.65407	2061.9	8.9	2055	17	2071	15	2071.0	15.0	0.8
MT17M3_87	212.7	1.861	8.46	0.11	0.4455	0.0051	0.78155	2279	12	2374	22	2195	15	2195.0	15.0	8.2
MT17M3_75	438	2.21	6.97	0.14	0.3228	0.006	0.903	2105	17	1802	29	2419	14	2419.0	14.0	25.5
MT17M3_38	431	1.192	9.03	0.13	0.4064	0.0052	0.94021	2338	13	2197	24	2483.9	8.3	2483.9	8.3	11.6
MT17M3_69	89.7	0.905	9.36	0.17	0.4127	0.0058	0.60676	2372	17	2226	27	2484	26	2484.0	26.0	10.4
MT17M3_27	826	0.467	12.05	0.11	0.5395	0.0047	0.78992	2607.9	8.6	2781	20	2484.9	9.7	2484.9	9.7	11.9
MT17M3_9	248	0.7491	9.487	0.09	0.424	0.004	0.69414	2385.4	8.7	2278	18	2485	12	2485.0	12.0	8.3
MT17M3_8	426	1.586	11.3	0.14	0.4865	0.0045	0.5712	2548	11	2555	20	2551	17	2551.0	17.0	0.2

								207/235		206/238		207/206		Best age		
Grain #	[U] ppm	U/Th	207/235	2σ error	206/238	2σ error	RHO	Age Ma	2σ error	Age (Ma)	2σ error	Age (Ma)	2σ error	(Ma)	2σ error	% Disc.
12KRD-146_76	62.9	1.21	0.09550	0.00500	0.01291	0.00038	0.07485	92.5	4.7	82.7	2.4	438	63	82.7	2.4	10.6
12KRD-146_95	83.3	1.18	0.08480	0.00440	0.01330	0.00037	0.04658	82.5	4.1	85.1	2.3	229	48	85.1	2.3	3.2
12KRD-146_66	4.39	1.29	0.09700	0.03000	0.01340	0.00140	0.24575	94.0	28.0	85.6	8.8	1130	280	85.6	8.8	8.9
12KRD-146_74	25.9	1.14	0.09150	0.00750	0.01340	0.00054	0.07718	88.5	6.9	85.8	3.4	503	96	85.8	3.4	3.1
12KRD-146_2	166.4	0.49	0.09340	0.00260	0.01357	0.00014	0.10967	90.6	2.4	86.9	0.9	231	37	86.9	0.9	4.1
12KRD-146_70	22.6	1.02	0.10900	0.01200	0.01359	0.00068	0.02387	104.0	11.0	87.0	4.3	710	180	87.0	4.3	16.3
12KRD-146_112	142.1	0.65	0.09270	0.00330	0.01367	0.00030	0.15962	89.9	3.0	87.5	1.9	200	41	87.5	1.9	2.7
12KRD-146_11	365	0.59	0.09350	0.00140	0.01373	0.00017	0.06495	90.8	1.3	87.9	1.1	170	23	87.9	1.1	3.2
12KRD-146_4	72.64	0.89	0.09190	0.00250	0.01394	0.00027	0.03381	89.2	2.3	89.2	1.7	213	34	89.2	1.7	0.0
12KRD-146_31	26.33	1.29	0.09090	0.00610	0.01395	0.00038	0.04372	89.7	5.7	89.3	2.4	390	70	89.3	2.4	0.4
12KRD-146_27	87.6	1.22	0.09690	0.00280	0.01399	0.00026	0.08409	93.9	2.6	89.6	1.7	321	48	89.6	1.7	4.6
12KRD-146_40	128.5	0.78	0.09180	0.00300	0.01402	0.00019	0.16119	89.4	2.7	89.7	1.2	182	38	89.7	1.2	0.3
12KRD-146_12	139.3	1.10	0.09390	0.00250	0.01404	0.00019	0.11681	91.1	2.3	89.9	1.2	205	35	89.9	1.2	1.3
12KRD-146_53	34	2.90	0.09930	0.00680	0.01407	0.00045	0.06899	95.8	6.3	90.1	2.9	398	75	90.1	2.9	5.9
12KRD-146_84	39.76	1.44	0.09410	0.00490	0.01412	0.00045	0.06535	91.2	4.5	90.4	2.9	289	53	90.4	2.9	0.9
12KRD-146_21	85.1	0.91	0.09650	0.00290	0.01416	0.00024	0.17557	93.9	2.7	90.6	1.5	227	32	90.6	1.5	3.5
12KRD-146_32	104.1	1.24	0.09600	0.00360	0.01416	0.00021	0.22889	93.0	3.3	90.7	1.3	238	47	90.7	1.3	2.5
12KRD-146_77	73.6	0.94	0.09390	0.00340	0.01417	0.00024	0.37024	91.1	3.1	90.7	1.6	191	35	90.7	1.6	0.4
12KRD-146_97	117.9	0.93	0.09140	0.00270	0.01419	0.00026	0.04365	88.8	2.5	90.8	1.6	222	46	90.8	1.6	2.3
12KRD-146_9	176.2	1.51	0.09410	0.00230	0.01424	0.00018	0.02223	91.2	2.1	91.1	1.2	166	21	91.1	1.2	0.1
12KRD-146_82	30.1	2.34	0.11600	0.01100	0.01425	0.00066	0.00360	113.1	9.3	91.2	4.2	680	110	91.2	4.2	19.4
12KRD-146_39	50.2	1.04	0.09660	0.00590	0.01427	0.00037	0.11308	93.4	5.5	91.4	2.4	310	67	91.4	2.4	2.1
12KRD-146_64	21.1	1.13	0.11300	0.01200	0.01430	0.00061	0.06232	108.0	10.0	91.5	3.9	620	120	91.5	3.9	15.3
12KRD-146_18	58	0.91	0.09860	0.00470	0.01431	0.00034	0.04674	96.1	4.5	91.6	2.2	281	55	91.6	2.2	4.7
12KRD-146_22	137	0.80	0.09360	0.00320	0.01434	0.00022	0.21462	90.8	2.9	91.8	1.4	163	33	91.8	1.4	1.1
12KRD-146_111	135	1.10	0.09570	0.00380	0.01444	0.00032	0.03579	92.7	3.5	92.4	2.0	221	46	92.4	2.0	0.3
12KRD-146_19	19.9	1.02	0.13500	0.07900	0.01446	0.00050	0.05138	115.0	47.0	92.5	3.2	429	98	92.5	3.2	19.6
12KRD-146_44	31.8	0.93	0.09340	0.00590	0.01448	0.00038	0.02460	91.1	5.6	92.7	2.4	330	58	92.7	2.4	1.8
12KRD-146_94	86.87	1.12	0.11620	0.00610	0.01449	0.00032	0.26933	111.3	5.5	92.7	2.0	607	95	92.7	2.0	16.7
12KRD-146_24	43.2	0.78	0.09360	0.00460	0.01451	0.00036	0.12882	90.7	4.3	92.8	2.3	291	63	92.8	2.3	2.3
12KRD-146_50	84.2	1.17	0.09280	0.00430	0.01451	0.00040	0.21391	90.8	4.2	92.8	2.5	239	47	92.8	2.5	2.2
12KRD-146_23	73.1	1.25	0.09720	0.00410	0.01452	0.00029	0.08546	94.6	3.9	92.9	1.8	270	43	92.9	1.8	1.8
12KRD-146_57	18.27	0.87	0.09940	0.00940	0.01453	0.00052	0.27450	95.5	8.7	93.0	3.3	560	100	93.0	3.3	2.6
12KRD-146_20	53	1.80	0.09940	0.00390	0.01455	0.00033	0.18126	96.1	3.6	93.1	2.1	296	53	93.1	2.1	3.1
12KRD-146_105	54	1.25	0.09230	0.00450	0.01455	0.00035	0.15034	89.5	4.2	93.1	2.2	277	62	93.1	2.2	4.0
12KRD-146_58	135	0.77	0.09760	0.00330	0.01458	0.00024	0.04057	94.5	3.0	93.3	1.5	179	40	93.3	1.5	1.3
12KRD-146_17	76.4	0.79	0.09770	0.00320	0.01460	0.00029	0.16981	94.6	2.9	93.4	1.8	233	35	93.4	1.8	1.3
12KRD-146_96	147.6	0.98	0.10100	0.00270	0.01460	0.00023	0.27568	97.7	2.5	93.4	1.5	284	46	93.4	1.5	4.4
12KRD-146_116	44.4	1.37	0.09550	0.00640	0.01460	0.00054	0.06658	92.3	5.9	93.4	3.4	386	86	93.4	3.4	1.2
12KRD-146_5	34.93	1.72	0.09680	0.00480	0.01462	0.00036	0.01871	93.6	4.4	93.6	2.3	271	61	93.6	2.3	0.0
12KRD-146_118	125.3	1.09	0.09770	0.00330	0.01466	0.00024	0.03068	94.6	3.0	93.8	1.5	231	44	93.8	1.5	0.8
12KRD-146_41	70.2	2.24	0.09350	0.00310	0.01470	0.00033	0.13290	90.7	2.9	94.0	2.1	258	46	94.0	2.1	3.6
12KRD-146_26	66.1	1.15	0.09820	0.00370	0.01471	0.00035	0.13833	95.0	3.5	94.1	2.2	299	47	94.1	2.2	0.9
12KRD-146_63	72.6	0.99	0.09810	0.00410	0.01473	0.00031	0.04753	94.9	3.8	94.2	2.0	339	53	94.2	2.0	0.7
12KRD-146_87	65	1.10	0.10840	0.00680	0.01476	0.00032	0.35295	104.2	6.2	94.4	2.1	446	77	94.4	2.1	9.4
12KRD-146_60	48.2	1.11	0.12010	0.00640	0.01478	0.00040	0.08961	114.8	5.8	94.6	2.6	611	74	94.6	2.6	17.6
12KRD-146_14	58.6	1.02	0.10030	0.00410	0.01481	0.00030	0.09486	96.9	3.8	94.7	1.9	283	51	94.7	1.9	2.3
12KRD-146_16	79	1.70	0.12010	0.00670	0.01480	0.00050	0.20476	115.0	6.1	94.7	3.2	572	73	94.7	3.2	17.7
12KRD-146_109	272	0.94	0.10010	0.00220	0.01482	0.00020	0.27404	96.9	2.0	94.9	1.3	159	28	94.9	1.3	2.1
12KRD-146_67	19.91	1.49	0.10680	0.00800	0.01487	0.00050	0.04028	102.6	7.3	95.2	3.2	543	83	95.2	3.2	7.2
12KRD-146_28	539	0.89	0.09980	0.00150	0.01488	0.00014	0.29029	96.6	1.4	95.2	0.9	150	19	95.2	0.9	1.4
12KRD-146_100	54.8	1.10	0.10600	0.00560	0.01492	0.00037	0.06886	102.1	5.1	95.4	2.3	424	81	95.4	2.3	6.6
12KRD-146_101	43.4	1.17	0.10130	0.00420	0.01493	0.00035	0.00708	97.9	3.8	95.5	2.2	303	48	95.5	2.2	2.5
12KRD-146_115	57.7	0.92	0.11200	0.01100	0.01495	0.00034	0.14363	107.0	10.0	95.6	2.2	540	160	95.6	2.2	10.7

12KRD-146_42	109	1.15	0.09850	0.00350	0.01496	0.00025	0.08147	95.3	3.2	95.7	1.6	234	38	95.7	1.6	0.4
12KRD-146_91	616	0.71	0.10070	0.00140	0.01497	0.00016	0.35954	97.4	1.3	95.8	1.0	146	16	95.8	1.0	1.6
12KRD-146_38	85.3	0.83	0.10040	0.00330	0.01499	0.00029	0.11217	97.0	3.0	95.9	1.8	208	42	95.9	1.8	1.1
12KRD-146_10	220	1.36	0.10580	0.00250	0.01500	0.00021	0.26659	102.1	2.3	96.0	1.3	261	28	96.0	1.3	6.0
12KRD-146_37	70.6	0.98	0.10200	0.00370	0.01501	0.00036	0.19711	98.5	3.4	96.0	2.3	236	41	96.0	2.3	2.5
12KRD-146_93	47.7	1.75	0.10180	0.00530	0.01501	0.00037	0.10137	98.3	4.9	96.0	2.3	281	57	96.0	2.3	2.3
12KRD-146_99	72.3	1.05	0.10050	0.00410	0.01501	0.00027	0.00862	97.2	3.8	96.0	1.7	215	34	96.0	1.7	1.2
12KRD-146_1	394	0.86	0.09950	0.00150	0.01501	0.00012	0.08627	96.3	1.4	96.1	0.8	121	20	96.1	0.8	0.2
12KRD-146_71	12.13	1.73	0.09500	0.01200	0.01503	0.00066	0.20216	93.0	12.0	96.1	4.2	530	120	96.1	4.2	3.3
12KRD-146_85	258.4	0.76	0.11310	0.00400	0.01506	0.00022	0.36024	108.8	3.6	96.4	1.4	403	63	96.4	1.4	11.4
12KRD-146_54	214	1.16	0.09920	0.00230	0.01508	0.00021	0.07000	96.0	2.1	96.5	1.4	145	29	96.5	1.4	0.5
12KRD-146_61	89.3	0.87	0.10030	0.00420	0.01509	0.00027	0.11065	96.9	3.9	96.5	1.7	285	65	96.5	1.7	0.4
12KRD-146_34	46.4	1.65	0.10070	0.00500	0.01509	0.00035	0.11105	97.3	4.6	96.6	2.2	315	64	96.6	2.2	0.7
12KRD-146_110	58.5	1.03	0.10030	0.00450	0.01509	0.00036	0.05725	96.9	4.2	96.6	2.3	271	58	96.6	2.3	0.3
12KRD-146_36	112.7	0.88	0.11510	0.00930	0.01514	0.00041	0.06950	110.3	8.4	96.8	2.6	530	100	96.8	2.6	12.2
12KRD-146_92	38.5	1.85	0.10290	0.00660	0.01518	0.00040	0.05107	99.1	6.1	97.1	2.6	316	64	97.1	2.6	2.0
12KRD-146_86	87	1.32	0.10300	0.00440	0.01520	0.00034	0.02487	99.4	4.0	97.2	2.1	306	70	97.2	2.1	2.2
12KRD-146_117	421	0.92	0.10260	0.00150	0.01523	0.00017	0.25911	99.3	1.3	97.5	1.1	139	22	97.5	1.1	1.8
12KRD-146_114	228.4	1.31	0.10190	0.00240	0.01526	0.00032	0.20788	98.5	2.2	97.6	2.0	177	31	97.6	2.0	0.9
12KRD-146_80	585	0.45	0.10630	0.00250	0.01531	0.00015	0.32443	102.6	2.3	97.9	0.9	232	42	97.9	0.9	4.5
12KRD-146_43	115.8	0.77	0.10190	0.00320	0.01532	0.00025	0.04104	98.5	3.0	98.0	1.6	241	38	98.0	1.6	0.5
12KRD-146_89	42.7	2.00	0.10210	0.00670	0.01534	0.00043	0.02746	100.6	6.7	98.1	2.7	421	72	98.1	2.7	2.5
12KRD-146_29	173	1.37	0.10400	0.00390	0.01535	0.00035	0.03965	100.9	3.4	98.2	2.2	237	55	98.2	2.2	2.7
12KRD-146_120	414	1.52	0.10480	0.00200	0.01539	0.00015	0.19096	101.2	1.8	98.4	1.0	187	28	98.4	1.0	2.7
12KRD-146_59	48	1.46	0.10350	0.00530	0.01548	0.00032	0.23855	99.8	4.9	99.1	2.1	266	46	99.1	2.1	0.7
12KRD-146_107	280.5	0.96	0.10340	0.00230	0.01549	0.00020	0.02473	99.9	2.1	99.1	1.2	175	24	99.1	1.2	0.8
12KRD-146_79	166	1.28	0.10990	0.00270	0.01550	0.00020	0.23922	105.9	2.4	99.2	1.3	265	28	99.2	1.3	6.3
12KRD-146_68	194	0.80	0.10860	0.00250	0.01561	0.00022	0.01732	104.6	2.3	99.9	1.4	250	36	99.9	1.4	4.5
12KRD-146_49	45	1.14	0.09930	0.00590	0.01565	0.00041	0.08279	95.9	5.5	100.1	2.6	214	52	100.1	2.6	4.4
12KRD-146_103	93.8	0.80	0.10840	0.00390	0.01566	0.00027	0.06048	104.4	3.6	100.2	1.7	265	43	100.2	1.7	4.0
12KRD-146_45	614	0.20	0.10940	0.00170	0.01567	0.00014	0.50664	105.4	1.6	100.3	0.9	227	19	100.3	0.9	4.9
12KRD-146_102	248	0.83	0.10360	0.00220	0.01569	0.00022	0.05425	100.1	2.1	100.3	1.4	165	29	100.3	1.4	0.2
12KRD-146_15	112	1.10	0.10180	0.00340	0.01578	0.00024	0.03121	98.3	3.1	100.9	1.5	203	40	100.9	1.5	2.6
12KRD-146_3	2240	0.79	0.10787	0.00086	0.01582	0.00009	0.06645	104.0	0.8	101.2	0.5	162	15	101.2	0.5	2.7
12KRD-146_98	397	0.54	0.10800	0.00240	0.01597	0.00014	0.08283	104.1	2.2	102.2	0.9	180	29	102.2	0.9	1.9
12KRD-146_35	73.7	1.06	0.11170	0.00510	0.01598	0.00030	0.23887	107.3	4.7	102.2	1.9	399	72	102.2	1.9	4.8
12KRD-146_69	207	1.02	0.11130	0.00370	0.01608	0.00034	0.10332	107.0	3.4	102.8	2.1	251	41	102.8	2.1	3.9
12KRD-146_72	362.3	0.72	0.10750	0.00180	0.01625	0.00018	0.05377	103.7	1.6	103.9	1.1	142	26	103.9	1.1	0.2
12KRD-146_65	74	1.25	0.12380	0.00670	0.01628	0.00047	0.06294	118.4	6.0	104.1	3.0	455	71	104.1	3.0	12.1
12KRD-146_104	260	1.13	0.11160	0.00340	0.01648	0.00024	0.00684	107.3	3.1	105.3	1.5	226	36	105.3	1.5	1.9
12KRD-146_47	81	1.45	0.11580	0.00390	0.01659	0.00030	0.02554	111.2	3.5	106.1	1.9	341	49	106.1	1.9	4.6
12KRD-146_52	231	0.95	0.10820	0.00290	0.01659	0.00022	0.02169	104.3	2.7	106.1	1.4	177	46	106.1	1.4	1.7
12KRD-146_106	52.1	1.08	0.12330	0.00740	0.01684	0.00047	0.11083	117.8	6.6	107.6	3.0	451	91	107.6	3.0	8.7
12KRD-146_119	163	1.66	0.11540	0.00380	0.01685	0.00029	0.06072	111.2	3.4	107.7	1.9	250	36	107.7	1.9	3.1
12KRD-146_46	373	0.94	0.11290	0.00210	0.01713	0.00028	0.44005	108.5	1.9	109.5	1.7	130	22	109.5	1.7	0.9
12KRD-146_6	91	1.00	0.12020	0.00370	0.01753	0.00033	0.08008	115.1	3.3	112.0	2.1	233	42	112.0	2.1	2.7
12KRD-146_51	59.2	0.89	0.16560	0.00480	0.02403	0.00047	0.10376	155.4	4.2	153.1	3.0	266	37	153.1	3.0	1.5
12KRD-146_8	160.7	2.87	0.18280	0.00330	0.02658	0.00027	0.02406	170.4	2.9	169.1	1.7	222	29	169.1	1.7	0.8
12KRD-146_83	325.7	0.33	0.20430	0.00300	0.02941	0.00032	0.04389	188.7	2.5	186.9	2.0	198	22	186.9	2.0	1.0
12KRD-146_81	46.5	2.11	0.21410	0.00840	0.03016	0.00065	0.00436	196.6	7.0	191.5	4.1	328	51	191.5	4.1	2.6
12KRD-146_33	39.81	1.46	0.54500	0.02300	0.06964	0.00092	0.12954	435.1	9.9	433.9	5.5	479	58	433.9	5.5	0.3

								207/235		206/238		207/206		Best age		
Grain #	[U] ppm	U/Th	207/235	2σ error	206/238	2σ error	RHO	Age Ma	2σ error	Age (Ma)	2σ error	Age (Ma)	2σ error	(Ma)	2σ error	% Disc.
12KRD143_8	97.7	1.28	0.04440	0.00360	0.00627	0.00027	0.06071	44.0	3.5	40.3	1.7	260	170	40.3	1.7	8.4
12KRD143_1	522	1.00	0.04080	0.00120	0.00629	0.00012	0.02985	40.6	1.2	40.4	0.7	54	73	40.4	0.7	0.5
12KRD143_17	155.4	1.63	0.09060	0.00600	0.01320	0.00053	0.29222	88.0	5.6	84.5	3.4	240	170	84.5	3.4	4.0
12KRD143_49	44.5	0.86	0.09590	0.00620	0.01324	0.00053	0.02798	92.7	5.8	84.7	3.4	280	160	84.7	3.4	8.6
12KRD143_35	45.5	1.87	0.09200	0.01200	0.01324	0.00085	0.29577	88.0	11.0	84.8	5.4	170	220	84.8	5.4	3.6
12KRD143_40	43.4	1.59	0.09620	0.00820	0.01378	0.00093	0.01275	93.0	7.6	88.2	5.9	250	210	88.2	5.9	5.2
12KRD143_14	110.9	1.08	0.09590	0.00570	0.01385	0.00037	0.18498	92.8	5.2	88.6	2.4	230	120	88.6	2.4	4.5
12KRD143_48	152.9	1.05	0.09540	0.00700	0.01386	0.00066	0.75588	92.4	6.5	88.7	4.2	170	110	88.7	4.2	4.0
12KRD143_13	113.4	1.22	0.09590	0.00590	0.01412	0.00040	0.10455	94.3	5.4	90.4	2.5	180	120	90.4	2.5	4.1
12KRD143_46	69.4	1.28	0.09980	0.00690	0.01414	0.00052	0.04903	96.3	6.4	90.5	3.3	240	140	90.5	3.3	6.0
12KRD143_36	165.2	1.03	0.09900	0.00510	0.01433	0.00044	0.16062	95.7	4.7	91.7	2.8	200	110	91.7	2.8	4.2
12KRD143_33	64.3	0.75	0.10000	0.01700	0.01440	0.00110	0.06383	96.0	16.0	92.1	6.7	160	350	92.1	6.7	4.1
12KRD143_22	48.69	1.31	0.09900	0.01400	0.01443	0.00080	0.19496	95.0	13.0	92.3	5.1	320	310	92.3	5.1	2.8
12KRD143_29	121.6	1.14	0.10040	0.00590	0.01457	0.00042	0.16662	97.6	5.3	93.3	2.7	170	120	93.3	2.7	4.4
12KRD143_17	222.5	1.74	0.09580	0.00440	0.01465	0.00047	0.07067	92.9	4.1	93.8	3.0	110	100	93.8	3.0	1.0
12KRD143_9	108	1.50	0.09490	0.00530	0.01472	0.00052	0.13198	91.9	4.9	94.2	3.3	80	140	94.2	3.3	2.5
12KRD143_39	66.1	1.86	0.09570	0.00640	0.01475	0.00042	0.01362	92.5	5.9	94.4	2.7	90	130	94.4	2.7	2.1
12KRD143_5	84.9	1.49	0.10520	0.00550	0.01489	0.00040	0.07557	101.4	5.0	95.3	2.5	230	110	95.3	2.5	6.0
12KRD143_43	113.6	1.55	0.09720	0.00580	0.01492	0.00041	0.02975	94.7	5.2	95.5	2.6	100	120	95.5	2.6	0.8
12KRD143_19	127.9	1.45	0.09630	0.00500	0.01494	0.00048	0.32021	94.2	4.4	95.6	3.0	100	110	95.6	3.0	1.5
12KRD143_31	434	0.97	0.10530	0.00300	0.01499	0.00024	0.12140	101.6	2.7	95.9	1.5	228	66	95.9	1.5	5.6
12KRD143_47	72.9	1.37	0.10000	0.00630	0.01505	0.00040	0.20397	96.4	5.8	96.3	2.5	120	120	96.3	2.5	0.1
12KRD143_7	55.2	2.89	0.10100	0.01100	0.01510	0.00098	0.35204	101.1	8.9	96.6	6.2	280	210	96.6	6.2	4.5
12KRD143_15	259	1.62	0.10260	0.00350	0.01512	0.00028	0.04837	99.0	3.2	96.7	1.8	168	79	96.7	1.8	2.3
12KRD143_26	105.1	1.89	0.10890	0.00870	0.01513	0.00068	0.04948	104.6	8.0	96.8	4.3	270	190	96.8	4.3	7.5
12KRD143_2	77.3	1.75	0.09700	0.01400	0.01515	0.00089	0.14927	94.0	12.0	96.9	5.6	80	260	96.9	5.6	3.1
12KRD143_4	112.4	0.87	0.10350	0.00490	0.01515	0.00043	0.00590	99.9	4.5	96.9	2.7	140	100	96.9	2.7	3.0
12KRD143_6	147	1.07	0.10080	0.00480	0.01519	0.00031	0.17932	97.4	4.4	97.2	2.0	137	98	97.2	2.0	0.2
12KRD143_11	3260	1.46	0.10340	0.00210	0.01521	0.00031	0.47495	99.9	1.9	97.3	1.9	178	44	97.3	1.9	2.6
12KRD143_44	48.9	4.35	0.10200	0.01300	0.01530	0.00100	0.39776	98.0	12.0	98.0	6.5	60	250	98.0	6.5	0.0
12KRD143_23	59	1.49	0.10370	0.00710	0.01544	0.00059	0.12425	99.8	6.5	98.7	3.8	150	160	98.7	3.8	1.1
12KRD143_25	72.5	1.42	0.10840	0.00580	0.01551	0.00052	0.03895	104.2	5.3	99.2	3.3	150	120	99.2	3.3	4.8
12KRD143_21	126	1.32	0.10340	0.00640	0.01559	0.00050	0.03367	99.7	5.8	99.7	3.2	120	120	99.7	3.2	0.0
12KRD143_50	50.1	1.45	0.11260	0.00840	0.01561	0.00061	0.08002	107.9	7.7	99.8	3.9	290	170	99.8	3.9	7.5
12KRD143_24	361	1.09	0.10430	0.00350	0.01561	0.00023	0.13817	100.6	3.2	99.9	1.5	130	72	99.9	1.5	0.7
12KRD143_30	51.27	2.28	0.11100	0.01200	0.01576	0.00078	0.05393	107.0	11.0	100.8	5.0	290	250	100.8	5.0	5.8
12KRD143_16	147.1	2.82	0.10780	0.00570	0.01578	0.00049	0.02416	103.9	5.2	101.0	3.1	140	120	101.0	3.1	2.8
12KRD143_42	74.8	1.94	0.10300	0.01100	0.01580	0.00078	0.31534	100.0	10.0	101.0	5.0	120	200	101.0	5.0	1.0
12KRD143_7	956	3.08	0.10660	0.00900	0.01600	0.00140	0.82484	102.7	8.3	102.5	8.6	148	92	102.5	8.6	0.2
12KRD143_12	172	5.50	0.11070	0.00830	0.01618	0.00068	0.16328	106.5	7.5	103.5	4.3	130	150	103.5	4.3	2.8
12KRD143_20	61.8	3.06	0.10520	0.00960	0.01639	0.00078	0.13123	101.2	8.8	104.8	5.0	60	190	104.8	5.0	3.6
12KRD143_28	296.3	1.46	0.25380	0.00510	0.03627	0.00064	0.25493	230.2	4.3	229.7	4.0	217	54	229.7	4.0	0.2

								207/235		206/238		207/206		Best age		
Grain #	[U] ppm	U/Th	207/235	2σ error	206/238	2σ error	RHO	Age Ma	2σ error	Age (Ma)	2σ error	Age (Ma)	2σ error	(Ma)	2σ error	% Disc.
12KRD-142_31	62	2.16	0.094	0.013	0.0134	0.0013	0.2444	90	12	86	8.1	250	250	86	8.1	4.4
12KRD-142_11	68.4	1.318	0.0855	0.0097	0.01371	0.00075	0.058506	82.8	9	87.8	4.8	-50	190	87.8	4.8	6.0
12KRD-142_70	35.1	1.517	0.098	0.011	0.01392	0.00076	0.049853	94.9	9.7	89.1	4.8	320	200	89.1	4.8	6.1
12KRD-142_75	82.1	0.904	0.089	0.0064	0.0141	0.00058	0.035062	86.2	6	90.2	3.7	50	150	90.2	3.7	4.6
12KRD-142_57	24.11	2.24	0.094	0.012	0.0141	0.001	0.10729	90	11	90.4	6.3	40	230	90.4	6.3	0.4
12KRD-142_102	12.71	1.575	0.099	0.022	0.0142	0.0012	0.031727	92	20	90.6	7.5	260	400	90.6	7.5	1.5
12KRD-142_54	206	1.237	0.0961	0.0041	0.01416	0.00031	0.25047	93	3.8	90.7	2	109	84	90.7	2	2.5
12KRD-142_81	54.5	2.82	0.094	0.013	0.0142	0.0013	0.36242	91	12	90.8	8.1	160	260	90.8	8.1	0.2
12KRD-142_66	40.6	3.17	0.105	0.013	0.01422	0.00094	0.14084	101	12	91	6	350	270	91	6	9.9
12KRD-142_108	163	1.852	0.1015	0.0054	0.01437	0.00049	0.02927	98	4.9	92	3.1	200	120	92	3.1	6.1
12KRD-142_40	60.8	1.085	0.0966	0.0078	0.01441	0.00055	0.064671	94	7.3	92.2	3.5	120	150	92.2	3.5	1.9
12KRD-142_51	18.24	0.878	0.09	0.016	0.01443	0.00085	0.10601	85	15	92.3	5.4	-10	320	92.3	5.4	8.6
12KRD-142_82	134	1.242	0.1018	0.0072	0.01444	0.00061	0.1861	99.8	6.4	92.4	3.9	310	140	92.4	3.9	7.4
12KRD-142_18	309	1.88	0.0986	0.0034	0.01447	0.00035	0.44304	95.4	3.2	92.6	2.2	109	71	92.6	2.2	2.9
12KRD-142_52	31.1	1.704	0.09	0.013	0.01455	0.00079	0.27852	87	12	93.1	5	50	230	93.1	5	7.0
12KRD-142_83	98.1	0.679	0.1082	0.008	0.01462	0.00061	0.13304	103.9	7.3	93.6	3.9	340	170	93.6	3.9	9.9
12KRD-142_55	140.2	2.126	0.0963	0.0049	0.01466	0.0004	0.0021231	93.2	4.5	93.8	2.6	130	120	93.8	2.6	0.6
12KRD-142_69	123.6	1.075	0.1019	0.0073	0.01467	0.00067	0.14907	98.3	6.7	93.9	4.3	180	170	93.9	4.3	4.5
12KRD-142_105	41.87	1.633	0.103	0.015	0.01471	0.00084	0.083056	99	13	94.1	5.3	220	280	94.1	5.3	4.9
12KRD-142_121	23.5	1.891	0.1	0.014	0.01462	0.00082	0.11425	95	13	94.3	5.4	130	240	94.3	5.4	0.7
12KRD-142_45	37	2.263	0.101	0.012	0.01486	0.0007	0.21158	97	11	95.1	4.4	270	220	95.1	4.4	2.0
12KRD-142_106	51.9	2.9	0.106	0.011	0.01496	0.00083	0.051811	101.6	9.8	95.7	5.3	290	220	95.7	5.3	5.8
12KRD-142_36	38.7	1.105	0.106	0.011	0.01502	0.0007	0.016556	101.9	9.9	96.1	4.5	250	220	96.1	4.5	5.7

12KRD-142_113	99	0.778	0.099	0.0076	0.01508	0.00058	0.10813	95.6	7	96.5	3.7	170	170	96.5	3.7	0.9
12KRD-142_116	50.8	3.11	0.108	0.01	0.01514	0.00077	0.15162	103.4	9.2	96.8	4.9	290	200	96.8	4.9	6.4
12KRD-142_24	331	1.802	0.1042	0.0034	0.01518	0.00042	0.2844	100.6	3.2	97.1	2.7	173	81	97.1	2.7	3.5
12KRD-142_16	63.2	1.732	0.1048	0.0082	0.01522	0.00067	0.22142	101.6	7.7	97.3	4.3	210	150	97.3	4.3	4.2
12KRD-142_28	160.1	4.36	0.0954	0.0077	0.01526	0.00081	0.61542	92.2	7.1	97.6	5.2	-20	130	97.6	5.2	5.9
12KRD-142_58	635	0.801	0.1014	0.003	0.01526	0.00041	0.44038	98	2.8	97.6	2.6	108	61	97.6	2.6	0.4
12KRD-142_12	71	1.449	0.1006	0.0069	0.01528	0.00063	0.20947	97	6.3	97.8	4	100	140	97.8	4	0.8
12KRD-142_130	28.6	1.891	0.111	0.016	0.0153	0.001	0.16378	105	15	98.1	6.4	230	270	98.1	6.4	6.6
12KRD-142_115	125.8	1.33	0.098	0.0051	0.01535	0.00045	0.01565	94.7	4.7	98.2	2.9	30	110	98.2	2.9	3.7
12KRD-142_43	127	1.321	0.0992	0.0056	0.01537	0.00048	0.24642	95.8	5.2	98.3	3	160	120	98.3	3	2.6
12KRD-142_64	182	1.259	0.1052	0.0077	0.01536	0.0006	0.20219	101.1	7	98.3	3.8	190	140	98.3	3.8	2.8
12KRD-142_3	171.9	1.205	0.1022	0.0051	0.01545	0.00062	0.45803	98.5	4.7	98.8	3.9	96	98	98.8	3.9	0.3
12KRD-142_41	470	1.6	0.1017	0.0036	0.01546	0.00042	0.38268	98.2	3.4	98.9	2.6	93	73	98.9	2.6	0.7
12KRD-142_44	119.1	0.466	0.1008	0.0051	0.01548	0.00048	0.08951	97.3	4.7	99	3	150	110	99	3	1.7
12KRD-142_29	162	2	0.1028	0.0052	0.01551	0.00046	0.26802	99.2	4.8	99.2	2.9	72	95	99.2	2.9	0.0
12KRD-142_19	262	1.71	0.1133	0.0055	0.01553	0.00037	0.25712	108.7	5	99.3	2.3	257	99	99.3	2.3	8.6
12KRD-142_1	39.9	2.66	0.101	0.016	0.0156	0.0014	0.42014	96	14	99.5	8.6	90	270	99.5	8.6	3.6
12KRD-142_22	19.9	3.76	0.108	0.017	0.0154	0.0013	0.030363	103	16	99.5	8.5	100	290	99.5	8.5	3.4
12KRD-142_68	39	2.27	0.106	0.012	0.0156	0.001	0.046181	102	11	99.5	6.5	160	240	99.5	6.5	2.5
12KRD-142_100	42.63	1.492	0.116	0.011	0.01557	0.00072	0.075075	110.2	9.6	99.6	4.6	360	190	99.6	4.6	9.6
12KRD-142_20	88	1.988	0.1027	0.0087	0.01561	0.00075	0.13365	100.2	8.3	99.9	4.8	80	160	99.9	4.8	0.3
12KRD-142_107	35.9	1.121	0.103	0.014	0.01565	0.00089	0.23134	102	12	100.1	5.6	60	220	100.1	5.6	1.9
12KRD-142_17	118	1.98	0.1074	0.0066	0.01568	0.00057	0.43306	103.3	6	100.3	3.6	70	110	100.3	3.6	2.9
12KRD-142_50	52.8	1.132	0.106	0.013	0.01568	0.00087	0.014714	101	12	100.3	5.5	250	250	100.3	5.5	0.7
12KRD-142_92	232	1.068	0.1127	0.0069	0.01569	0.00079	0.33602	108.2	6.3	100.4	5	190	140	100.4	5	7.2
12KRD-142_110	82.7	1.304	0.1085	0.0086	0.0157	0.00067	0.0050911	104	7.9	100.4	4.2	190	160	100.4	4.2	3.5
12KRD-142_117	49.3	2.52	0.114	0.01	0.01571	0.00075	0.057338	109.2	9.3	100.4	4.7	290	180	100.4	4.7	8.1
12KRD-142_124	88.1	2.346	0.1073	0.008	0.0157	0.00064	0.314	103	7.4	100.4	4	200	150	100.4	4	2.5
12KRD-142_125	108	2.98	0.1096	0.0057	0.01576	0.0006	0.082443	105.3	5.3	100.8	3.8	240	130	100.8	3.8	4.3
12KRD-142_59	245	1.804	0.1045	0.0046	0.01578	0.00043	0.20513	100.8	4.2	100.9	2.7	106	79	100.9	2.7	0.1
12KRD-142_104	75.3	2.52	0.1011	0.0067	0.01586	0.00059	0.21941	97.4	6.2	101.4	3.7	60	140	101.4	3.7	4.1
12KRD-142_56	26.5	1.656	0.102	0.011	0.01588	0.0008	0.0295	98	10	101.5	5.1	120	220	101.5	5.1	3.6
12KRD-142_78	63.1	1.441	0.1068	0.0089	0.01588	0.00069	0.32836	102.4	8.1	101.5	4.4	210	140	101.5	4.4	0.9
12KRD-142_21	450	1.999	0.1105	0.0053	0.0158	0.00041	0.2018	106.3	4.8	101.6	2.7	190	100	101.6	2.7	4.4
12KRD-142_122	157.7	1.295	0.1116	0.0064	0.0159	0.0012	0.26524	107.3	5.9	101.6	7.8	240	190	101.6	7.8	5.3
12KRD-142_37	78	1.62	0.1023	0.0068	0.0159	0.0005	0.13088	99.3	6.4	101.7	3.2	160	130	101.7	3.2	2.4
12KRD-142_4	81.5	3.84	0.1004	0.0085	0.016	0.0013	0.16013	96.8	7.8	102	8.5	90	190	102	8.5	5.4
12KRD-142_67	108	1.402	0.112	0.013	0.0159	0.001	0.24491	107	12	102	6.4	260	260	102	6.4	4.7
12KRD-142_9	261	2.041	0.1038	0.0041	0.01597	0.00039	0.36521	100.1	3.7	102.1	2.5	106	79	102.1	2.5	2.0
12KRD-142_32	190	1.379	0.1107	0.0097	0.01597	0.00077	0.16199	106	8.2	102.1	4.9	150	130	102.1	4.9	3.7
12KRD-142_7	351	1.525	0.1075	0.0039	0.01602	0.00047	0.33164	103.5	3.6	102.4	3	131	76	102.4	3	1.1
12KRD-142_14	740	0.698	0.1062	0.0024	0.01605	0.00033	0.4712	102.4	2.2	102.6	2.1	69	45	102.6	2.1	0.2
12KRD-142_23	101.4	1.646	0.1073	0.0076	0.01605	0.00076	0.23542	103	6.9	102.6	4.8	100	140	102.6	4.8	0.4
12KRD-142_127	109.2	3.22	0.1031	0.0067	0.01608	0.00072	0.082589	99.3	6.2	102.8	4.5	90	140	102.8	4.5	3.5
12KRD-142_5	316	1.249	0.1056	0.0035	0.01617	0.00029	0.14199	101.9	3.2	103.4	1.9	77	71	103.4	1.9	1.5
12KRD-142_61	28.2	1.369	0.11	0.018	0.0162	0.0014	0.048357	107	16	103.7	8.7	180	310	103.7	8.7	3.1
12KRD-142_114	69.6	1.212	0.105	0.011	0.0162	0.001	0.16569	100.6	9.9	103.7	6.6	150	220	103.7	6.6	3.1
12KRD-142_126	54.7	2.406	0.11	0.0087	0.01625	0.00058	0.071868	105.3	8	103.9	3.7	140	160	103.9	3.7	1.3
12KRD-142_72	41.7	1.223	0.1156	0.0095	0.01629	0.00084	0.238	110.3	8.6	104.1	5.3	290	170	104.1	5.3	5.6
12KRD-142_30	27.33	2.55	0.11	0.019	0.0163	0.0013	0.050601	104	17	104.2	8.4	250	330	104.2	8.4	0.2
12KRD-142_91	30.4	1.706	0.108	0.011	0.01633	0.00092	0.23376	106	10	104.3	5.8	200	210	104.3	5.8	1.6
12KRD-142_6	46.8	1.317	0.111	0.014	0.0164	0.0011	0.073519	108	12	104.6	6.9	100	240	104.6	6.9	3.1
12KRD-142_62	94	1.681	0.1138	0.0072	0.01641	0.00081	0.26354	109.1	6.5	104.9	5.1	290	140	104.9	5.1	3.8
12KRD-142_8	62	1.657	0.1089	0.0075	0.01643	0.00079	0.048854	105.3	7	105	5	100	150	105	5	0.3
12KRD-142_94	138	1.62	0.1137	0.0054	0.01649	0.00052	0.014632	109.8	4.8	105.4	3.3	230	120	105.4	3.3	4.0
12KRD-142_27	206	0.91	0.1155	0.0072	0.01651	0.00079	0.23681	110.7	6.5	105.5	5	200	140	105.5	5	4.7
12KRD-142_71	260	1.587	0.107	0.0049	0.01652	0.00046	0.29942	103.1	4.5	105.6	2.9	42	91	105.6	2.9	2.4
12KRD-142_111	64	1.64	0.1138	0.0081	0.01652	0.00089	0.1789	108.9	7.4	105.6	5.7	190	150	105.6	5.7	3.0
12KRD-142_77	117	1.756	0.1187	0.0076	0.01659	0.00057	0.24024	113.5	6.8	106.1	3.6	270	130	106.1	3.6	6.5
12KRD-142_38	320	1.452	0.1091	0.0038	0.01661	0.00038	0.17532	106	3.5	106.2	2.4	130	86	106.2	2.4	0.2
12KRD-142_13	74.5	1.213	0.1082	0.0089	0.01685	0.00077	0.038521	103.9	8.2	107.7	4.9	110	160	107.7	4.9	3.7
12KRD-142_46	134	2.408	0.1046	0.0059	0.01685	0.0005	0.11722	100.8	5.4	107.7	3.2	10	130	107.7	3.2	6.8
12KRD-142_76	62.5	3.12	0.1073	0.0098	0.01687	0.00098	0.29305	102.9	9	107.8	6.2	80	190	107.8	6.2	4.8
12KRD-142_95	138	1.57	0.1061	0.0052	0.01687	0.00056	0.19555	102.2	4.8	107.8	3.6	40	100	107.8	3.6	5.5
12KRD-142_128	126.6	1.9	0.1077	0.0056	0.01691	0.00054	0.22787	103.6	5.1	108.1	3.4	70	100	108.1	3.4	4.3
12KRD-142_101	386	2.2	0.1127	0.0086	0.017	0.0012	0.55961	108.3	7.8	108.8	7.6	110	140	108.8	7.6	0.5
12KRD-142_39	353	1.84	0.113	0.0045	0.01704	0.00052	0.41768	109.3	4.3	108.9	3.3	119	78	108.9	3.3	0.4
12KRD-142_34	465	0.996	0.1131	0.0037	0.01709	0.00041	0.28598	108.7	3.4	109.3	2.6	104	71	109.3	2.6	0.6
12KRD-142_93	153.4	1.632	0.1157	0.0048	0.01719	0.00046	0.27808	110.9	4.4	109.8	2.9	128	87	109.8	2.9	1.0
12KRD-142_42	34.3	2.672	0.118	0.013	0.0178	0.0011	0.11913	113	12	114.8	6.8	70	200	114.8	6.8	1.6
12KRD-142_63	90.4	2.12	0.125	0.012	0.0182	0.001	0.39321	121	11	115.9	6.6	220	190	115.9	6.6	4.2
12KRD-142_79	99	2.05	0.1355	0.0085	0.01841	0.00086	0.038591	128.5	7.6	117.5	5.5	290	150	117.5	5.5	8.6
12KRD-142_33	91.6	2.64	0.129	0.0097	0.01887	0.00099	0.35531	122.8	8.6	120.5	6.2	230	130	120.5	6.2	1.9
12KRD-142_10	473	1.3	0.1484	0.0051	0.02164	0.00076	0.44113	141.4	4.2	138	4.8	169	79	138	4.8	2.4
12KRD-142_49	615	4.71	0.214	0.011	0.0312	0.0018	0.69279	196.7	9.2	198	11	172	77	198	11	0.7
12KRD-142_15	133.7	1.227	0.227	0.011	0.0331	0.0011	0.33008	207.5	9.1	209.8	6.8	120	110	209.8	6.8	1.1
12KRD-142_112	85.9	1.402	0.241	0.011	0.0354	0.0012	0.086629	219.3	9.1	224.1	7.5	240	120	224.1	7.5	2.2
12KRD-142_53	211	1.279	0.2633	0.0071	0.03651	0.00076	0.1105	237	5.7	231.1	4.7	264	69	231.1	4.7	2.5

Supplemental Table 3: Zircon (U-Th)/He data for new samples in Koshnaw et al. (Solid Earth)

Sample	mineral	Age, Ma	err., Ma	U (ppm)	Th (ppm)	147Sm (ppm)	[U]e	Th/U	He (nmol/g)	mass (ug)	Ft	ESR
zMT17M3-110	zircon	36.8	2.94	149.8	171.6	-14.5	189.2	1.15	25.5	2.00	0.67	35.73
zMT17M3-109	zircon	60.6	4.85	196.7	158.3	-16.0	233.1	0.80	51.6	1.81	0.67	35.09
zMT17M3-22	zircon	45.7	3.65	184.9	144.0	13.9	218.1	0.78	40.4	4.16	0.75	46.61
zMT17M3-30	zircon	43.7	3.50	63.4	51.8	-10.8	75.2	0.82	12.8	2.67	0.72	41.20
zMT17M3-117	zircon	149.3	11.95	59.6	61.7	-93.3	73.3	1.04	27.1	0.31	0.46	19.26
zMT17M3-67	zircon	47.0	3.76	105.4	107.4	-15.1	130.1	1.02	22.7	1.91	0.68	36.69
zMT17M3-60	zircon	44.6	3.57	262.9	176.4	0.0	303.5	0.67	42.8	0.86	0.58	26.46
zMT17M3-44	zircon	38.5	3.08	132.5	101.1	-16.1	155.7	0.76	22.1	1.80	0.68	36.17
zMT17M3-120	zircon	37.6	3.01	242.2	141.1	-23.7	274.6	0.58	34.8	1.22	0.62	29.50
zMT17M3-17	zircon	62.6	5.01	325.8	112.1	0.0	351.6	0.34	80.7	1.60	0.68	34.76
zMT17M3-119	zircon	19.6	1.57	60.8	16.4	0.0	64.6	0.27	4.2	0.84	0.61	27.76
zMT17M3-25	zircon	100.4	8.04	594.2	41.0	0.0	603.6	0.07	186.8	0.63	0.57	24.29
zMT17M3-66	zircon	36.2	2.89	57.8	59.2	-17.1	71.3	1.02	9.3	1.69	0.67	34.85
zMT17M3-74	zircon	35.9	2.87	208.4	57.1	-23.0	221.4	0.27	27.1	1.26	0.63	29.76
zMT17M3-3	zircon	114.2	9.14	237.7	106.5	0.0	262.2	0.45	106.9	1.31	0.66	32.72
zMT17M3-36	zircon	35.7	2.86	72.9	69.8	0.0	89.0	0.96	11.5	1.57	0.66	34.31
zMT17M3-12	zircon	36.3	2.91	159.6	138.6	0.0	191.5	0.87	27.9	3.70	0.74	45.25
zMT17M3-28	zircon	62.7	5.01	79.1	66.9	0.0	94.5	0.85	21.8	1.78	0.68	35.81
zMT17S5-7	zircon	47.4	3.79	333.5	315.0	0.0	406.0	0.94	64.9	1.09	0.62	29.75
zMT17S5-1	zircon	112.0	8.96	412.7	167.6	-43.2	451.1	0.41	159.6	0.67	0.58	25.91
zMT17S5-27	zircon	31.4	2.51	107.5	84.6	0.0	127.0	0.79	13.4	0.99	0.62	29.60
zMT17S5-38	zircon	37.4	3.00	235.6	184.7	0.0	278.1	0.78	34.6	0.94	0.61	28.88
zMT17S5-10	zircon	29.2	2.34	251.7	197.1	46.8	297.3	0.78	25.0	0.60	0.53	22.92
zMT17S5-13	zircon	46.6	3.73	723.5	694.9	0.0	883.5	0.96	132.0	0.94	0.59	27.24
zMT17S5-110	zircon	60.5	4.84	952.8	1665.3	0.0	1336.2	1.75	273.4	1.17	0.62	30.28
zMT17S5-9	zircon	61.1	4.89	327.3	509.5	0.0	444.6	1.56	83.1	0.68	0.56	25.47
zMT17S5-66	zircon	57.5	4.60	382.5	271.1	57.9	445.2	0.71	85.7	0.97	0.62	29.21
zMT17S5-106	zircon	39.1	3.13	101.7	85.9	0.0	121.5	0.85	14.4	0.64	0.56	24.82
zMT17S5-120	zircon	64.0	5.12	111.3	86.1	0.0	131.1	0.77	29.5	1.39	0.65	32.29
zMT17S5-95	zircon	70.2	5.61	101.7	100.2	0.0	124.7	0.99	27.1	0.73	0.57	25.67
zMT17S5-104	zircon	35.1	2.81	93.4	86.3	0.0	113.3	0.92	13.1	0.90	0.61	28.40
zMT17S5-54	zircon	65.0	5.20	101.5	88.1	0.0	121.8	0.87	23.8	0.65	0.55	24.46
zMT17S5-87	zircon	36.9	2.95	197.3	149.8	0.0	231.8	0.76	28.0	0.85	0.60	28.07
zMT17S5-17	zircon	70.4	5.63	377.7	330.7	0.0	453.8	0.88	94.5	0.53	0.55	23.93
zMT17S5-35	zircon	119.5	9.56	435.8	254.6	0.0	494.4	0.58	175.1	0.56	0.55	23.65
zMT17S5-80	zircon	74.4	5.96	185.0	94.9	0.0	206.9	0.51	55.6	1.56	0.67	33.82
zMT17S5-41	zircon	223.5	17.88	156.5	59.2	0.0	170.1	0.38	124.7	0.86	0.60	27.29
zMT17S5-28	zircon	153.8	12.31	201.8	45.1	0.0	212.2	0.22	110.2	1.31	0.62	28.67
zMT17S5-20	zircon	61.1	4.89	365.2	216.9	0.0	415.1	0.59	84.1	0.88	0.61	28.58
zSH17S2-2	zircon	42.7	3.41	220.6	288.2	-23.1	286.9	1.31	40.6	1.25	0.61	29.22
zSH17S2-14	zircon	58.5	4.68	207.3	195.7	-17.0	252.3	0.94	52.8	1.70	0.66	33.58
zSH17S2-21	zircon	91.4	7.31	287.1	171.2	0.0	326.5	0.60	107.2	1.69	0.66	33.51
zSH17S2-69	zircon	61.5	4.92	27.6	11.4	-19.9	30.2	0.41	6.7	1.45	0.66	33.48
zSH17S2-13	zircon	74.1	5.93	192.6	42.6	-25.6	202.3	0.22	52.0	1.13	0.64	30.53
zSH17S2-23	zircon	83.6	6.69	189.8	141.5	-32.9	222.2	0.75	60.5	0.88	0.60	27.69
zSH17S2-98	zircon	57.8	4.62	77.6	35.3	-18.3	85.6	0.46	17.7	1.58	0.66	33.20
zSH17S2-58	zircon	27.6	2.21	801.6	210.7	0.0	850.1	0.26	83.7	1.34	0.66	32.66
zSH17S2-51	zircon	39.9	3.19	211.9	26.2	-19.2	217.8	0.12	31.8	1.51	0.68	34.35
zSH17S2-95	zircon	41.8	3.34	78.3	140.9	0.0	110.7	1.80	14.4	0.70	0.57	26.35
zSH17S2-46	zircon	45.7	3.66	273.3	362.3	0.0	356.7	1.33	58.9	1.65	0.66	34.64
zSH17S2-39	zircon	57.9	4.63	80.0	93.7	0.0	101.5	1.17	22.0	1.98	0.69	37.63
zSH17S2-89	zircon	67.0	5.36	20.3	11.0	0.0	22.8	0.54	5.3	1.17	0.64	31.08
zSH17M5-89	zircon	66.5	5.32	398.8	749.8	0.0	571.4	1.88	133.3	1.45	0.64	32.68
zSH17M5-79	zircon	49.1	3.93	236.1	191.2	0.0	280.1	0.81	50.5	1.69	0.68	35.57
zSH17M5-56	zircon	40.0	3.20	62.7	66.0	0.0	77.8	1.05	10.7	1.13	0.63	30.94
zSH17M5-58	zircon	63.1	5.05	235.7	151.3	0.0	270.5	0.64	59.8	1.25	0.65	31.85
zSH17M5-18	zircon	42.3	3.39	548.0	111.6	42.6	573.9	0.20	77.0	0.66	0.59	25.83
zSH17M5-9	zircon	61.4	4.91	72.4	39.1	37.0	81.6	0.54	16.1	0.76	0.59	26.79
zSH17M5-84	zircon	62.7	5.02	119.6	83.7	0.0	138.9	0.70	32.4	1.82	0.68	36.43
zSH17M5-117	zircon	263.5	21.08	626.7	170.3	0.0	665.9	0.27	492.7	0.40	0.51	21.34
zSH17M5-16	zircon	74.8	5.99	375.9	61.3	0.0	390.0	0.16	97.8	0.88	0.62	28.44
zSH17M5-118	zircon	82.0	6.56	53.2	20.9	0.0	58.0	0.39	14.7	0.61	0.57	25.18
zSH17M5-113	zircon	41.0	3.28	413.5	364.1	-74.2	496.9	0.88	52.4	0.39	0.48	20.01
zSH17M5-107	zircon	22.8	1.83	77.9	42.1	0.0	87.6	0.54	7.3	1.66	0.68	35.37
zSH17M5-32	zircon	34.6	2.77	128.6	104.2	-12.6	152.5	0.81	19.4	2.30	0.68	36.02
zSH17M5-50	zircon	43.6	3.49	533.0	876.7	0.0	734.9	1.64	100.0	0.70	0.57	26.39
zSH17M5-48	zircon	71.5	5.72	297.3	264.5	-37.6	358.0	0.89	80.6	0.77	0.58	26.36
zSH17M5-42	zircon	47.2	3.77	442.8	163.7	-25.1	480.4	0.37	78.6	1.15	0.64	30.85
zSH17M5-67	zircon	51.8	4.14	392.1	52.9	-26.3	404.1	0.13	71.4	1.10	0.63	29.39
z12KRD132-24	zircon	39.5	3.2	105.9	131.6	1.2	136.2	1.2	22.2	4.7	0.8	50.1
z12KRD132-58	zircon	38.2	3.1	121.3	97.4	0.5	143.8	0.8	19.7	1.5	0.7	33.6
z12KRD132-95	zircon	42.4	3.4	220.3	272.7	1.2	283.1	1.2	47.0	3.1	0.7	42.6
z12KRD132-53	zircon	43.0	3.4	222.6	205.8	0.4	270.0	0.9	45.5	2.9	0.7	42.3
z12KRD132-38	zircon	59.7	4.8	177.7	176.9	0.6	218.4	1.0	51.1	3.0	0.7	42.1
z12KRD132-51	zircon	61.7	4.9	80.5	73.6	0.5	97.5	0.9	23.9	3.7	0.7	44.0
z12KRD132-56	zircon	48.2	3.9	168.1	172.5	0.4	207.8	1.0	38.1	2.3	0.7	38.9